

**Report on
Three Day IIECP Pre-Certification Workshop
held during March 06-08, 2018
at Bethania Hall, SJEC**

A Three-day Pre-Certification Workshop for IUCEE International Engineering Education Certification Program (IIEECP) was organized for the faculty of Engineering Colleges by the Department of Computer Science and Engineering from March 06, 2018 to March 08, 2018. While the Certification Program (IIEECP) is designed and offered by IUCEE in 3 phases, to address the need for teaching skills and their certification, the phase-1 constituting of 3-day hands-on face-to-face workshop, was hosted in the SJEC campus. The resource person for the event was Dr Archana Mantri, Pro Vice Chancellor, Chitkara University, Punjab, India who is one of the renowned OBE leaders and a global expert in Engineering education.

The workshop was formally inaugurated in the Bethania Hall at 9:00 AM. Dr Archana Mantri, graced the occasion as Chief Guest. Rev. Fr Rohit D'Costa, Assistant Director-SJEC and Dr Joseph Gonsalvis, Principal-SJEC were the Guests of Honour. Rev. Fr Wilfred Prakash D'Souza, Director-SJEC presided over the function. Dr Rio D'Souza, Vice-Principal-SJEC, Dr Sridevi Saralaya, HOD-CSE and Dr Kavitha K Mahesh, Convener were present on the dais.

Chief Guest, Dr Archana Mantri in her address highlighted the course of workshop and welcomed all the faculty participants to the Pre-Certification Workshop. In his Presidential address, Rev. Fr Wilfred Prakash D'Souza, stressed the importance of teamwork and the benefits that one gets to experience in such learning platforms as the IUCEE workshops. While providing a brief overview of the objectives and motto of IIEECP, he spoke of its relevance in improving the quality in Engineering Education. Dr Kavitha Mahesh, Coordinator of the workshop proposed the vote of thanks, which marked the conclusion of the inaugural function. Ms Pramila M anchored the event.

The Three Day Pre-Certification Workshop comprised of three sessions on each day from 9:30 AM - 11:AM, 11:30 AM – 1:00 PM and from 2:00 PM - 3:30 PM, post lunch-break. 31 faculty members of SJEC and 1 from neighbouring institution actively participated in workshop. The session on first day began with the introduction of the workshop learning objectives, outline and participant's expectations by the resource person. Further, Dr Archana Mantri discussed about the common classroom problems, the need to know the Millennium Learner-The Student and thereon elaborated on the Student's Learning Styles. The session enabled the participants to introspect on their personal teaching styles and further get to know on how misalignment between the students' learning styles and teacher's teaching style affect class environment. Focus of the rest of her talk was in motivating the faculty members on the need to shift from being a good teacher to a facilitator. Elements of Course planning, Design Backwards vs Backward Design were other topics addressed on first day of the workshop.

Sessions on the second day focused on Reviewing Bloom's taxonomy and engaged participants in revisiting/rewriting Course Learning Objectives. The resource person shared valuable insights with the participants on Planning Effective Instruction through mechanisms such as Promoting active learning in regular / large classes, collaborative interventions – PBL etc. While engrossing the participants in re-

planning their respective courses, the resource person illustrated the importance of choosing best pedagogical practices suiting each course.

Importance of assessments and evaluation, strategies for their effective implementation were the topics of interest on the third day. Dr Archana Mantri provided inputs on class assessments and preparation of study guide. Practice Session on writing questions items – Essay Type and Multiple Choice Creating Rubric and providing constructive feedback followed.

The Phase-1 of the IIEECP Pre-Certification Workshop concluded with the informal valedictory function held at 3:30 PM in Bethania Hall on the third day.



Dr Kavitha K Mahesh

Convener

Pre-Certification Workshop for IIEECP

Report

Abstract:

Theme	:	Course Design and Management
Outcomes	:	<p>The participants were able to</p> <ul style="list-style-type: none">• Create Statement of Teaching Philosophy by understanding the nitty-gritty of roles of responsibilities in engineering Education• Analyze the pedagogy of student engagement in learning with more traction than before through meticulous design of the courses.• Apply the methodology to ensure students' Life Long Learning.• Comprehend and respect students as learners with varying capacities and preferences.
Recourse Persons	:	<p>Dr Rio D'Souza, Dr Binu K.G., Dr Shreeranga Bhat, and Ms Bhavya, Ms Evita Coelho, Ms Supreetha R., Mr Ragesh Raju, Mr Subramanya, Mr Vijay Ganesh P.C., Mr Anoop C.V., Mr Rolen Lionel Rodrigues, and Mr Vinish P., Dr Purushothama Chippar, Mr Vijay V.S., Ms Avila Pinto, and Mr Prathviraj N. – Faculty SJEC</p> <p>Dr B V Ravishankar, Vice Principal, BMSCE, Bengaluru</p>
Date	:	Phase 1: 16-18 July 2018; Phase 2: 25-28 July 2018
Venue	:	<ul style="list-style-type: none">• Spoorthi Seminar Hall in the 7th Floor of Academic Block III• CAED Lab, 3rd floor of Academic Block III• Sophia Chamber, 1st floor of Academic Block III
No. of Sessions	:	7
Organized by	:	Internal Quality Assurance Cell (IQAC), SJEC
Participation Fees	:	Nil
No. of Participants	:	151
Total Fees collected	:	Nil
Total Expenditure	:	Rs. 20,650

Details:

The very objective of the SJEC is to constantly work towards excellence, so that Institution can serve better for all the stakeholders. In this context, Internal Quality Assurance Cell (IQAC) of SJEC has organized a workshop on the topic “Course Design and Management (CDM)” for the faculty of the organization under the FDP series “Integra 2018”. The workshop was organized in two phases during 16-18 July 2018 and 25-28 July 2018 with objective of ‘course content design’ in first phase and ‘course content review’ in the second phase, in Spoorthi conference hall. A course is more than the syllabus and the content. There can be so many rich and dynamic resources, media, software, interactions, activities, etc which can make learning fulfilling as well as fun. It depends on how we design our course, that the journey becomes enjoyable for the traveler. That's why it's called a "course". Educators job is to facilitate the students towards learning, provide resources and a framework. Moreover, purpose is to help the students to manage their course and pave the way forward to explore things themselves. Encourage by showing them the romance and beauty of the course. In order to guide these initiatives, the SJEC organized several sessions wherein the tools to design and manage courses are discussed and demonstrated. Thus, the workshop was titled as “Course Design and Management”.

Objectives of the workshop:

- Engage students in learning with more traction than before through meticulous design of the courses.
- Engage students in learning by themselves.
- Respect students as learners with varying capacities and preferences.

The workshop comprised of 7 sessions as follows.

Sessions	Contents	Resource Persons
1	Topic: “ Statement of Teaching Philosophy ”	Dr Binu K.G., Dr Shreeranga Bhat, and Ms Bhavya, Faculty SJEC
2	Topic: “ Pedagogies of Engagement: Classroom Practices ” and “ Characteristics of Difficult Concepts ”	Ms Evita Coelho, Ms Supreetha R., Mr Ragesh Raju, Mr Subramanya, Faculty SJEC

Sessions	Contents	Resource Persons
3	Topic: “Inductive Teaching and Learning Methods: Definition, Comparison, and Research Bases”	Mr Vijay Ganesh P.C., Mr Anoop C.V., Mr Rolen Lionel Rodrigues, and Mr Vinish P., Faculty SJEC
4	Topic: “Classroom Assessment”	Dr Purushothama Chippar, Mr Vijay V.S., Ms Avila Pinto, and Mr Prathviraj N., Faculty SJEC
5	Topic: “Design of Personal Page and Course Content Management”	Mr Ragesh Raju, Faculty SJEC
6	Topic: “Modern Tools for Teaching and Learning Process”	Dr B V Ravishankar, Vice Principal, BMSCE, Bengaluru
7	Topic: “Design Thinking in Teaching”	Dr Rio D’Souza, Principal, SJEC

Prior to the commencement of workshop every faculty was asked to prepare a course plan for the course assigned to them in the coming semester, as per the OBE format adopted by their department. Further, a course web portal was developed to disseminate the information and to facilitate the participants to submit the assignments. Four research papers pertaining to OBE and sessions were communicated through web postal, and asked them to submit the summary of research papers, to ensure effective participation during the workshop.



Date: 10 July 2018

Place: Mangaluru

From,
Dr Shreeranga Bhat
Associate Professor,
Chief Accreditation Coordinator,
SJEC, Mangaluru.

To,
The Director
SJEC, Mangaluru.

Through,
The Principal,
SJEC, Mangaluru.

Respected Rev. Fr.,


Sub: FDP on 'Course Design and Management' – reg.

The team of fifteen members who have undergone the training at KLE Tech, Hubli would like to disseminate the knowledge gained during the immersive workshop of OBE. In this regard, we would like to conduct a FDP for all our colleagues in two phases with the title "Course Design and Management". Details of the programme has been attached with this letter for your kind reference.

Further, the budget and other supporting facilities are prepared and same is attached with this letter. We request you to kindly grant the permission to conduct the FDP and approve the budget. Kindly do the needful.

Thanking You,

Forwarded


.. 10/7/18


10/7/18

Yours Sincerely,


(Dr Shreeranga Bhat)


10/7/18

Session 7: Design Thinking in Teaching

Resource Person: Dr Rio D'Souza, Principal, SJEC

Sl. No.	Department	Date	Time (Venue: Spoorthi Conference Hall)
1	Mech, Civil, Chem and Phy	25 July 2018	9:30 am – 11:00 am
2	E&C, E&E, Maths, and MCA	26 July 2018	9:30 am – 11:00 am
3	CSE, and all other faculty those who are unable to attend as per the above two schedules	26 July 2018	9:30 am – 11:00 am

Session for MBA dept will be conducted later.

Phase II of CDM Workshop: Review

Sl. No.	Department	External Reviewers
1	Mech	Ms Evita Coelho Mr Vijay Ganesh P.C.
2	Civil	Mr Vijay V.S. Ms Supreetha R.
3	E&C	Dr Binu K.G. Ms Avila Pinto
4	E&E	Dr Purushothama Chippar Ms Bhavya
5	CSE	Dr Shreeranga Bhat Mr Anoop C.V.
6	MCA	Mr Vinish P. Mr Prathviraj N.
7	Maths	Mr Ragesh Raju Mr Subramanya
8	Phy	Mr Rolen Lionel Rodrigues

Phase I of CDM Workshop for MBA and Chemistry Dept will be conducted later.

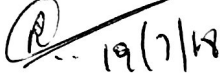
St Joseph Engineering College
Mangaluru – 575 028


Ref: SJEC/Acc/IDC/2018/03

Date: 19 July 2018

Interdepartmental Communication

A session on the topic “Design Thinking in Teaching” has been arranged, as a part of the workshop “Course Content and Management”, for all the faculty. Further, review of the course content and personal web page shall be held at the departmental level in association with the assigned reviewers of our college on or before 31 July 2018. Rubrics for the assessment will be e-mailed to all the departments. Details of the programmes are attached with this communication.


Dr Rio D'Souza
Principal


Dr Shreeranga Bhat
Chief Accreditation Coordinator

CC to: Director/Asst. Director : /Chief-R&D (for the kind information)

Internal Reviewers

Dr Purushothama Chippar Dr Binu K.G. Mr Vijay V.S.	:	Mech Engg.
Mr Prathviraj N. Ms Evita Coelho Ms Supreetha R.	:	CS Engg.
Mr Vijay Ganesh P.C Mr Anoop C.V. Ms Avila Pinto	:	E&C Engg.
Ms Bhavya	:	Civil Engg.
Mr Vinish P.	:	MBA
Mr Ragesh Raju	:	MCA
Mr Subramanya Mr Rolen Lionel Rodrigues	:	E&E Engg.

St Joseph Engineering College
Mangaluru – 575 028

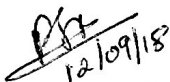
Ref: SJEC/Acc/IDC/2018/08

Date: 12 September 2018

Interdepartmental Communication

The Phase II (Review of webpage and critical concept) of “Course Design and Management” (CDM) workshop has been arranged for Business Administration, and Chemistry departments on 14 September 2018. Details of the Phase II are attached with this communication. Further, those who were unable to attend Phase II of the workshop in their respective departments, shall attend the same as per the new schedule. Participants are requested to upload the link in the following workshop web portal prior to attending the Phase II of the CDM workshop.

<http://bit.ly/SJEC-Workshop-CDM2018>


Dr Shreeranga Bhat
Chief Accreditation Coordinator

CC to: Director/Asst. Director/Principal/Chief-R&D/HRM (for the kind information)
Dean-MBA; HODs-Chem/Phy/Math/Mech/CSE/EEE/ECE/MCA /File.

Schedule of Events

Date	Department	Time	Venue
14/09/2018	MBA	9:15 AM -10:00 AM	Sophia Chamber Academic Block III
	Others	10:00 AM – 11:30 AM	
	Chemistry	3:00 PM – 4:00 PM	

ST JOSEPH ENGINEERING COLLEGE, MANGALURU – 575 028
OFFICE OF THE PRINCIPAL

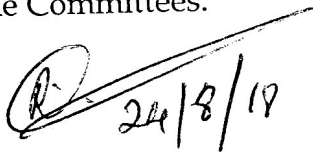
Ref.No.SJEC/Prin/Notice/2018/093
Date: 24 Aug 2018

NOTICE

All the College- level events which took place during July/ Aug 2018 will be reviewed at 3:00PM on 31st Aug 2018 in the Board Room as follows:

Sl. No	Event	Time to Report for Meeting
1	"Feel the Teacher" Workshop	3:00 PM
2	Information Discovery Workshop	3:20 PM
3	Course Design & Management Workshop	3:40 PM
4	MDP on 'Agile Leadership in Changing Business Environment'	4:00 PM
5	Inaugural of I Year BE Classes	4:30 PM

All Conveners/Coordinators are requested to attend along with Chairpersons of all the Committees.


24/8/18

Dr Rio D'Souza
Principal- SJEC

Copy to: Director/ Asst Director/Chief R&D/HRM.

All Deans & HODs for information. /conveners of above events

Serial	Full Name	Department	Certificate URL
001	Dr K Jyothi	Chemistry	https://drive.google.com/a/sjec.ac.in/file/d/1E7B0B_1wu8K1h-Zc7rjOYg8Ras3G56b5/view?usp=drivesdk
002	Ms Pramila Rita D'Souza	Chemistry	https://drive.google.com/a/sjec.ac.in/file/d/1DVY9Y2wgiDIZvgKzKr0hH-yj6lTd2akV/view?usp=drivesdk
003	Ms Prathima S	Chemistry	https://drive.google.com/a/sjec.ac.in/file/d/1ev7Em4RHWNcI_3oiOzAmpkVi7ks-Ae0d/view?usp=drivesdk
004	Ms Sheethal Tresa Fernandes	Chemistry	https://drive.google.com/file/d/1AO_HQq05EXiUfHRRTPqEDZ3SXhzA7Rcv/view?usp=sharing
005	Ms Smitha Maria D'Souza	Chemistry	https://drive.google.com/a/sjec.ac.in/file/d/1ZKRq3Hm3_pkADfcuMBvNI0ASLNxm_52u/view?usp=drivesdk
006	Dr Nalini Rebello	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1eXXaHENqg2Ddo9ffqIzKD8v6fMTmX8y_/view?usp=drivesdk
007	Ms Ivy Savia Dantis	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1yD_cAvGk4bkYb8R4EWyQ0HIIcVOj7ldj/view?usp=drivesdk
008	Mr Govinda Krishna	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1dh3OWQx-JTtHNPv_3039UOQW3i57qJc/view?usp=drivesdk
009	Mr Manjunath B	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1NVQJtgxO4e9VohQ-N_yMIimmn1YgZO4/view?usp=drivesdk
010	Ms Bhavya	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1I5Lfc1HCujzk4a98fjVZA53HzsNWjdSX/view?usp=drivesdk
011	Ms Apoorva K V	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1sPsBWwCl89OV6yhjuDdFuw29xO5xMBD/view?usp=drivesdk
012	Mr Prashanth Kurdekar	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1ZJRinRrSyCxbFkPBPDI-BLCu5pixbao/view?usp=drivesdk
013	Mr Sachin U	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1lxQv9FWBGUSVOEDSFMqTK7ncUTaO6O32/view?usp=drivesdk
014	Mr Chitharanjan M	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1MecIwfyB5784oP59ytePw6ORaNUKeqnV/view?usp=drivesdk
015	Ms Vani D	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1uUWxmhsugS5zyb6FG3HaRBy0mQKQv4Lq/view?usp=drivesdk
016	Mr Vijay H	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1eobFK5A6ZD1O2z3QJ5bZCC9D6k_Q7892/view?usp=drivesdk
017	Dr B Radheshyam	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1YtGbJ3f8t5javUqRG_8_RHyQBMd8VS0/view?usp=drivesdk
018	Mr Rakshith R Suvarna	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1jitiW83hxQOn_U9GpBfQMhG8MjBSJe3M/view?usp=drivesdk
019	Mr Ajeeth B	Civil	https://drive.google.com/a/sjec.ac.in/file/d/1zs8owBogj-XXZ0MbhMZwowWdlV1sCsQn4/view?usp=drivesdk
020	Ms Sunitha Guruprasad	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1fv6SHelViG06Wgt6jDalOlr2H4ASMevg/view?usp=drivesdk
021	Dr Sridevi Saralaya	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1rFXgzM-GWu7XTBU0-nDYJM6i1k0nw4vQ/view?usp=drivesdk
022	Ms Smitha V. George	CSE	https://drive.google.com/a/sjec.ac.in/file/d/11MxIqac-LIbdziSuNxjH9_oIoXONkA-O/view?usp=drivesdk
023	Ms Supriya Salian	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1fagTJQTLnkUAVfekOIp6tN1FgkWSC_2a/view?usp=drivesdk
024	Ms Sujatha M	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1BPYnU0YYctNRtq2qNjV2Qm65cSiML3m/view?usp=drivesdk
025	Ms Evita Coelho	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1DgGyuf39cs8wCo0dE3SITTLzo46MfPEn/view?usp=drivesdk
026	Ms Ushadevi	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1GvOIXrYLTz6E64mbr3TZcYk8hHpkbyz/view?usp=drivesdk
027	Mr Prathviraj N	CSE	https://drive.google.com/a/sjec.ac.in/file/d/10_FsHY0DqkbQowA5dkXXrBgSdKjBeXek/view?usp=drivesdk
028	Ms Supreetha R	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1kDBZXSdTFgaq81e1J7RBlsVSmE_wGLvL/view?usp=drivesdk
029	Mr Gerald Harry Fernandes	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1ZWTm3as09tllbU8WVlwhfc7-LNYMsJO8/view?usp=drivesdk
030	Ms Lavina Jean D'Silva	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1AuuExoFRpTs68D_uzhAumTZKWz5bSv88/view?usp=drivesdk
031	Ms Anusha M M	CSE	https://drive.google.com/a/sjec.ac.in/file/d/15gl-C2pwzYq9ueWxoAmDZCKHzsDhBNdB/view?usp=drivesdk
032	Ms Gayana M N	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1-e-zNT2bvirkqrYR3JDNALeXEOK7GwG/view?usp=drivesdk
033	Ms Chaithra	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1KMzqZHPPXK4TUZc6e9gBxcDm0KqCpfnC/view?usp=drivesdk
034	Ms Sona Mundody	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1at4cQNA7U8Qch_JBu23VGylyyG1rFWf7/view?usp=drivesdk
035	Mr Shreenath Acharya	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1X6DrBIG6gHv58bsYqBvptqOLGPOHMRwX/view?usp=drivesdk
036	Mr Sunil Kamath	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1ZW5AIX4_xBtG0RwVJq5VUbLqtFptJv24/view?usp=drivesdk
037	Ms Nisha Jenifer Roche	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1voVKBbr1HRiUpMmm8pdIVG1GPwahKAYe/view?usp=drivesdk
038	Ms Renuka Tantry	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1RyGe0Xhi5xlCmz_zXJwWBmJNMH89Ezr/view?usp=drivesdk

039	Ms Aparna K	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1eRLSJNhmcW4mxopRjHPYkI_NW4xD00Xn/view?usp=drivesdk
040	Ms Vijetha U	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1ulj_gbhqK5iFMbMEqr37j1e2aZHsPGf2/view?usp=drivesdk
041	Ms Eden Jesleen Sequeira	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1UvaRZFeZX4SH61NMzgLuhv3DQEG2YmmO/view?usp=drivesdk
042	Dr Kavitha K Mahesh	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1xPS1jPOSJ5jD-2gILxPsDRB4tEZZC9TN/view?usp=drivesdk
043	Dr Rachana P	CSE	https://drive.google.com/a/sjec.ac.in/file/d/19huZ1eK0H0hZfVJK3qeaM6ShEQvylSHi/view?usp=drivesdk
044	Dr Usha Divakarla	CSE	https://drive.google.com/a/sjec.ac.in/file/d/18yydyV2omLxsrYSIXe23DDWyw1Yzh2Po/view?usp=drivesdk
045	Ms Babitha	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1_57JCPk99YzdIvq_xZvoAOoW9w0jN2Kn/view?usp=drivesdk
046	Ms Archana Rao	CSE	https://drive.google.com/a/sjec.ac.in/file/d/19VT1cZ72CXgt222qchHDVQRpYWLs4bXf/view?usp=drivesdk
047	Ms Soumya	CSE	https://drive.google.com/a/sjec.ac.in/file/d/1upGw6KF-WNRt80OMzuyOmrW1OrQrt7l/view?usp=drivesdk
048	Dr Savitha H M	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1LLeP_Yrlii7XVIB7_Sg2uV3yb60GXmW1/view?usp=drivesdk
049	Ms Prajwal D'Souza	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1_LHAbfby_iMOvqXANUj4au1s8ZRupviT/view?usp=drivesdk
050	Dr Dayakshini	ECE	https://drive.google.com/a/sjec.ac.in/file/d/13z33LlkLNqydGA2Hc0FDOgKooD7EkBnJ/view?usp=drivesdk
051	Ms Nandini Maninarayana	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1JeXpPK_WNZ1BDtz3HKm9UpnWwgZXSgOT/view?usp=drivesdk
052	Ms Vijayalaxmi H M	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1oU8oqWyxCHiB1d2QhiZWALOnePfuCyNa/view?usp=drivesdk
053	Ms Reshma K J	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1EVqA8cLb3Vq0gef3aOhhU3KBbQTUx8Q/view?usp=drivesdk
054	Ms Jennifer Charlotte Saldanha	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1gDr9-QxOC_qHYeNbnNtqtrMgkeHOCgr2/view?usp=drivesdk
055	Ms Preetha D'Souza	ECE	https://drive.google.com/a/sjec.ac.in/file/d/16m3aAq8TInWrmXQYuhULx_CGrxanJ95d/view?usp=drivesdk
056	Mr Gandhimathinathan A	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1W95IOFMOeXiukbOte1xV1vn92R2T9uSJ/view?usp=drivesdk
057	Ms Rashmi Halemane	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1XpXULKKQtQirenpaI7BKpuSDcEWu9Gr2/view?usp=drivesdk
058	Mr Vijay Ganesh P C	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1q-3ojPwk2RrhkYbq0KspQejTG3fE0dSb/view?usp=drivesdk
059	Ms Avila Priya Pinto	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1ua5DxsM09LARFdHWlanbx0APnHP9MuCD/view?usp=drivesdk
060	Ms Deepthi S R	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1zYEocznpeo1KsZfDRGigGMk0HO_mqmie/view?usp=drivesdk
061	Ms Rupal Mayo Diline D'Souza	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1pbPJVM1yOjCxy2Hdi-c9vDpcLO4myV6r/view?usp=drivesdk
062	Ms K Aarya Shri	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1WOJDxqj6PSLEcdhtKNZXt7GmoEa8gXM7/view?usp=drivesdk
063	Mr Anoop C V	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1RFwdwkbKZHDaTZNffWDgrTRRnKDat/view?usp=drivesdk
064	Mr Keith Raymond Fernandes	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1VoYXPI24iElb27UrA13qHglMlh93uFx/view?usp=drivesdk
065	Ms Padmini Bhat	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1aPtWE-Q8b0wMK1vYLzKio0tdTCTfDaaJ/view?usp=drivesdk
066	Ms Jayalakshmi K P	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1NWvS365ddgvp4q3UJd6k-rZFxk4GZX1L/view?usp=drivesdk
067	Mr Mahesha Y	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1jFDwcu3x5FBKRr4g8ZHofginxIOlZpR9/view?usp=drivesdk
068	Ms Priya Seema Miranda	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1PwDoBVbzFu8F6CYudnJIBLGo67svkuCu/view?usp=drivesdk
069	Ms Sadhika Shetty	ECE	https://drive.google.com/a/sjec.ac.in/file/d/12AMig0zhc7aQOU2CbyZDpvnHM5y79NYU/view?usp=drivesdk
070	Ms Vinitha Pasanha	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1OZuZAD7cuJnfuPAWAln-RT6ivIvyTVnx/view?usp=drivesdk
071	Dr Sandhya Dass	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1E_pBdh__udY8Oj2EipA0ueCQ8EnBYBF/view?usp=drivesdk
072	Mr Uday J	ECE	https://drive.google.com/a/sjec.ac.in/file/d/1riXGuqjk12sea78qYmOlt7ZlLjGjDMxB/view?usp=drivesdk
073	Dr Sheryl Grace Colaco	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1e8BorvI_DBaSIAJRbz62X18q1Gv9E7M/view?usp=drivesdk
074	Mr Sathisha K	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1L2rFVA-s6YXMV4WIHJrIu6gBcFyddHN/view?usp=drivesdk
075	Ms Bharathi A Rao	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1y4i4DBeXCqIHsUYMB0WXPw8R7kUzZ30z/view?usp=drivesdk
076	Mr Ajithanjaya Kumar M K	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1fk4kyoe5Ru1k0X5uONOjnp6r13EIs233/view?usp=drivesdk
077	Mr Deepesh Kanchan	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1Ej6Xx5gVoivrZwxy_yQ0CAtdcvKcDhVn/view?usp=drivesdk

078	Ms Divya K Pai	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1fOpbc2gAQquLkNTcdPpMGeSHYA2W2I2T/view?usp=drivesdk
079	Mr Subramanya	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1LFzVtXzz55dwnw3sYeB-mavYobhbxp5C/view?usp=drivesdk
080	Mr Franco Aldrin J Menezes	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1bHRoWIXNMuvVU7tyksZtuth6BsEUIS7v/view?usp=drivesdk
081	Mr Rolen Lionel Rodrigues	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1a2Hd1pjXvq4NkdI3sfC3VyUpR75HiWkh/view?usp=drivesdk
082	Ms Mayuri R	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1zqzNhRD38yN7p6_eJy1a0MiyDtcIb6FE/view?usp=drivesdk
083	Ms Chaithra Shetty	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1tmwhll2sJ3OCR_B12tBOdbBC9W1EoWb-/view?usp=drivesdk
084	Ms Sonia Preema D'Souza	EEE	https://drive.google.com/a/sjec.ac.in/file/d/12_FWb9myVb5NXnuZHTikLHcF-xFPHX82/view?usp=drivesdk
085	Ms Bindu	EEE	https://drive.google.com/a/sjec.ac.in/file/d/1HDQB_SXBW7SRhJoGLuMxi0ITZYDKxVs7/view?usp=drivesdk
086	Dr Jagadeesha B	Mathematics	https://drive.google.com/a/sjec.ac.in/file/d/17Z05YIEPrBdaZ-uFoCwM2s0oN-NS1xeq/view?usp=drivesdk
087	Dr Ramananda H S	Mathematics	https://drive.google.com/a/sjec.ac.in/file/d/1Ua6w2WeQv-tYnPRVHfwySNMPkFpMVQ_H/view?usp=drivesdk
088	Ms Aleyamma George	Mathematics	https://drive.google.com/a/sjec.ac.in/file/d/11BadBS2zvFnrB98spRADqNNusBRXh6bL/view?usp=drivesdk
089	Ms Prathibha K N	Mathematics	https://drive.google.com/a/sjec.ac.in/file/d/1sbgc_fuW_siHywnOJjS7ApNZmXRn3N_N/view?usp=drivesdk
090	Ms Sabina Rachana Crasta	Mathematics	https://drive.google.com/a/sjec.ac.in/file/d/1m-Pg1m6Rkf5BANTkXU01GZlqTFm_UUwg/view?usp=drivesdk
091	Mr Harsha A J	Mathematics	https://drive.google.com/a/sjec.ac.in/file/d/1CwtlWkTcTsh0-c-vtbfcrVuzfzbtz9Th/view?usp=drivesdk
092	Ms Salma Shabnam	Mathematics	https://drive.google.com/a/sjec.ac.in/file/d/1EfScKVBjdxdjmo7DGtHoXrsVklk2JqI4/view?usp=drivesdk
093	Ms Neema Lobo	Mathematics	https://drive.google.com/a/sjec.ac.in/file/d/14KCWUnVIBlyuJIdGVyI-m0GBDjun_oxF/view?usp=drivesdk
094	Ms Jyotsna Anjali D'Souza	Mathematics	https://drive.google.com/a/sjec.ac.in/file/d/15rb1ALv9TC_BLj9uyvRENk5Ozt7HxkNy/view?usp=drivesdk
095	Ms Lauline Margaret D'Souza	Mathematics	https://drive.google.com/a/sjec.ac.in/file/d/1-udL57Jc-m20XvHUdRM34UfDSSKqFt1d/view?usp=drivesdk
096	Dr Prakash Pinto	MBA	https://drive.google.com/a/sjec.ac.in/file/d/1yw0hiGUXudOjXV9TV8gx7VkcJkSSm2E/view?usp=drivesdk
097	Dr Anjali Ganesh	MBA	https://drive.google.com/a/sjec.ac.in/file/d/17FTWuHb5XQRYCYCVBFGWp5elA55zKqHiW/view?usp=drivesdk
098	Dr Babitha Rohit	MBA	https://drive.google.com/a/sjec.ac.in/file/d/1zFvq-ngvAXQhY73Z2iPRoTmnSNfObXKs/view?usp=drivesdk
099	Dr Shakila B	MBA	https://drive.google.com/a/sjec.ac.in/file/d/14sWEcILPfu1xwAVrDitvks_w4pENWmN/view?usp=drivesdk
100	Ms K Manjula	MBA	https://drive.google.com/a/sjec.ac.in/file/d/1j-FqEbzVwt2PbVIEb72mwYr2gjEzXToc/view?usp=drivesdk
101	Ms Acharya Chitralekha	MBA	https://drive.google.com/a/sjec.ac.in/file/d/1Mkk9dpDtVL9iqDkP1LOrpn4u788wixT2/view?usp=drivesdk
102	Mr Vinish P	MBA	https://drive.google.com/a/sjec.ac.in/file/d/12dFMMM05Ek2nceVZduiwg27XxHL6akaF/view?usp=drivesdk
103	Mr Jeevan Lawrence	MBA	https://drive.google.com/a/sjec.ac.in/file/d/110BjBX-iT8mAQ2J7g_ffGJx3kTHoiFUg/view?usp=drivesdk
104	Ms Sumangala N	MCA	https://drive.google.com/a/sjec.ac.in/file/d/1fd6gEsuUTPAIQKzFBKH8Fverwp2_17XD/view?usp=drivesdk
105	Ms Sadhana Kumble	MCA	https://drive.google.com/a/sjec.ac.in/file/d/1oR7pLdUKoa_gykOyPvtGozwkyfJFPtbf/view?usp=drivesdk
106	Mr Sathyendra Bhat J	MCA	https://drive.google.com/a/sjec.ac.in/file/d/10oJYt6kiyw2yrrbTWpcAadzLaQibxZ6/view?usp=drivesdk
107	Mr Hareesh B	MCA	https://drive.google.com/a/sjec.ac.in/file/d/15tGmJkToUq3VoA34CDbeHGwjClARkHNP/view?usp=drivesdk
108	Mr Gururaj S	MCA	https://drive.google.com/a/sjec.ac.in/file/d/1kQHhVBrQXeiVzxyFVe-7KUM4-stvIO9x/view?usp=drivesdk
109	Mr Ragesh Raju	MCA	https://drive.google.com/a/sjec.ac.in/file/d/1DW5c7j4zO_sqYzJyUtLRxtCPDVQF_PgR/view?usp=drivesdk
110	Dr Raju K	ME	https://drive.google.com/a/sjec.ac.in/file/d/1yXAd_To7F1fFmvHw1-eV1T9wqgkvV81C/view?usp=drivesdk
111	Dr Sudheer M	ME	https://drive.google.com/a/sjec.ac.in/file/d/1smoY_n4zsLbML1PWft3VaWlXr8GP0qFm/view?usp=drivesdk
112	Mr Sampath Kumar B	ME	https://drive.google.com/a/sjec.ac.in/file/d/1BbbxHA9xKmF-INB8q02jO-mVKbOHfaXX/view?usp=drivesdk
113	Dr Binu K G	ME	https://drive.google.com/a/sjec.ac.in/file/d/112N7QMnCb6LJPa2HvU0g45shtJikZ-Kd/view?usp=drivesdk
114	Mr Prashanth Kumar	ME	https://drive.google.com/a/sjec.ac.in/file/d/1un9UfbflDeZdc5k9agDLbCkcZ0cyJpLe/view?usp=drivesdk
115	Dr Shreeranga Bhat	ME	https://drive.google.com/a/sjec.ac.in/file/d/19SbHYp5StFqRGD-ITx0_McfpqrDJxiB9/view?usp=drivesdk
116	Mr Rolvin Sunil D'Silva	ME	https://drive.google.com/a/sjec.ac.in/file/d/1QnTyQBK3Rrau8-pY-j4NwDg4DA1QzKml/view?usp=drivesdk

117	Mr Prathviraj H	ME	https://drive.google.com/a/sjec.ac.in/file/d/11frObyjV_5UkAT7WeI5jDkRQx63BHmyl/view?usp=drivesdk
118	Mr Rudolf D'Souza	ME	https://drive.google.com/a/sjec.ac.in/file/d/1B0OtzVLsZftVsUPM0AxTUOHnvSQ73Gdm/view?usp=drivesdk
119	Mr Noel Deepak Shiri	ME	https://drive.google.com/a/sjec.ac.in/file/d/11WbvBOKkuzABv1QtVMvMH3eM-FO822xj/view?usp=drivesdk
120	Mr Ravikantha Prabhu	ME	https://drive.google.com/a/sjec.ac.in/file/d/1QcL4axU6ZrE5GyeV5YdKc5UioQJFYjBB/view?usp=drivesdk
121	Mr Ashwin Shetty	ME	https://drive.google.com/a/sjec.ac.in/file/d/1q287oDayDkezBdmKmZC-RtW5HZdr45SS/view?usp=drivesdk
122	Mr Vinoothan Kaliveer	ME	https://drive.google.com/a/sjec.ac.in/file/d/1ZbFxxrL68rdjHCFRCE0qQMScE0dyaJA/view?usp=drivesdk
123	Mr Yathish Kumar K	ME	https://drive.google.com/a/sjec.ac.in/file/d/1x4OiPBQm2R5K_uZzgE7zhLMaqy5KmfSv/view?usp=drivesdk
124	Mr Sushanth Gowda	ME	https://drive.google.com/a/sjec.ac.in/file/d/1UnvjUQc-7G9fXz50STjVdFo0iduShlcE/view?usp=drivesdk
125	Mr Neil Vaz	ME	https://drive.google.com/a/sjec.ac.in/file/d/1BhKaJBO72L6Cs3b_kaEAKqCz0lk9lmaR/view?usp=drivesdk
126	Mr Chiranth B P	ME	https://drive.google.com/a/sjec.ac.in/file/d/1gIRaa9v5durem9sx4WqtEc2K14z7EWc3/view?usp=drivesdk
127	Mr Sharun Mendonca	ME	https://drive.google.com/a/sjec.ac.in/file/d/1ZQh45qthMFjxcg5XqFbcc-iHC6zfu_BB/view?usp=drivesdk
128	Mr John Paul Vas	ME	https://drive.google.com/a/sjec.ac.in/file/d/1LDOdWkY3QQ2mrBVx_d7OcxhquzS67Jf_/view?usp=drivesdk
129	Mr Pavana Kumara B	ME	https://drive.google.com/a/sjec.ac.in/file/d/1rdxcn32oPs85LvtREYhdAMnwFdodi83f/view?usp=drivesdk
130	Mr Swaraj Dominic Lewis	ME	https://drive.google.com/a/sjec.ac.in/file/d/1c_myUbek3JKnco-y1TRmpvg2UC3n9Exx/view?usp=drivesdk
131	Mr Karthik Madhyastha N	ME	https://drive.google.com/a/sjec.ac.in/file/d/16vUIYjdQ_6YYyG3pt06oGWsRFchEACzS/view?usp=drivesdk
132	Mr Orville Sutari	ME	https://drive.google.com/a/sjec.ac.in/file/d/13PYKy9P0WV5Ye76zdxwsUuYI2LxXruXY/view?usp=drivesdk
133	Dr James Valder	ME	https://drive.google.com/a/sjec.ac.in/file/d/1HRcTWIjxD_GdB39heeV11xf4XbXEzfdJ/view?usp=drivesdk
134	Mr Vijay V S	ME	https://drive.google.com/a/sjec.ac.in/file/d/1A0M1zVIUldjsu5HsnQIFgb1pr6mm8TZe/view?usp=drivesdk
135	Mr Poornesh M	ME	https://drive.google.com/a/sjec.ac.in/file/d/1JCYwzeHajdszqlgALiPD8heSPcx2d0oq/view?usp=drivesdk
136	Mr Rahul Kumar	ME	https://drive.google.com/a/sjec.ac.in/file/d/1AqPKMn81hTn25lrSOAnFsV1gFU3_O9x/view?usp=drivesdk
137	Dr Purushothama Chippar	ME	https://drive.google.com/a/sjec.ac.in/file/d/1t2BDYuyOcVLzm3453tmQBDhaDRi4Agkh/view?usp=drivesdk
138	Ms Chaitra S V	ME	https://drive.google.com/a/sjec.ac.in/file/d/1pUwRLbc7FulDEgCZbqhr45sAmAsftcL1/view?usp=drivesdk
139	Mr Joel Antony D'Mello	ME	https://drive.google.com/a/sjec.ac.in/file/d/1FIQdLbz5b6S52Zc2MRfx-3MefPhmUeuw/view?usp=drivesdk
140	Mr Alister Gleason D'Souza	ME	https://drive.google.com/a/sjec.ac.in/file/d/1vg851sgr6h88rh5e590KD9dztzHjZsFU/view?usp=drivesdk
141	Dr Rajesh A Shetty	ME	https://drive.google.com/a/sjec.ac.in/file/d/1voCLcbAsl1apZ_aeVOjPAMB-uMXi8-tY/view?usp=drivesdk
142	Mr Nitheesh D Nayak	ME	https://drive.google.com/a/sjec.ac.in/file/d/1bnEBTmmRP-RkI3cSqWUECeT8_NBZHlru/view?usp=drivesdk
143	Mr Akshay N H	ME	https://drive.google.com/a/sjec.ac.in/file/d/1nPRU3TVVOPeHqBcpn-ZOJjU4xkr8pBm/view?usp=drivesdk
144	Mr Canute Sherwin	ME	https://drive.google.com/a/sjec.ac.in/file/d/1VMhFzSpUgwNhxJfV8_W2RS_Ngdq1L2NX/view?usp=drivesdk
145	Mr Santhosh H	ME	https://drive.google.com/a/sjec.ac.in/file/d/1TwqF59Q5073yrXzxfdwckHd3G2Kb2mo/view?usp=drivesdk
146	Mr Jinu Mathew	ME	https://drive.google.com/a/sjec.ac.in/file/d/1HrJeDRQv-5PP3Y8YJNfnZLw8xiO9gxV1/view?usp=drivesdk
147	Dr Vincent Crasta	Physics	https://drive.google.com/a/sjec.ac.in/file/d/133QeUhdvFxGaDkhE16XFYmGsV5KVJrEH/view?usp=drivesdk
148	Dr Rajesh Kumar P C	Physics	https://drive.google.com/a/sjec.ac.in/file/d/1MIRsOb-8XrP78iAR1Wdcki6X185OsSFM/view?usp=drivesdk
149	Mr Rajesh K	Physics	https://drive.google.com/a/sjec.ac.in/file/d/1E8Tr7VBX2ah4NhzYRPP4WHNYON-e_91/view?usp=drivesdk
150	Ms Olivia Sequeira	Physics	https://drive.google.com/a/sjec.ac.in/file/d/1vajZtsVt92u6dQH_hCUvP8glwpMASLv5/view?usp=drivesdk
151	Ms Venita Navya Monteiro	Physics	https://drive.google.com/a/sjec.ac.in/file/d/1fmTApTxRtcl0uBmPptdKDi4oDBgWfJ3v/view?usp=drivesdk



ST JOSEPH ENGINEERING COLLEGE

VAMANJOOR, MANGALURU - 575 028

CERTIFICATE OF PARTICIPATION

This is to certify that Dr K Jyothi

has participated in **"Integra-2018", a Three Days Faculty Development Program on Course Design & Management** organized by Internal Quality Assurance Cell (IQAC),
St Joseph Engineering College during **16th July 2018 to 18th July 2018.**

Dr Rio D'Souza
Principal



Rev. Fr. Wilfred Prakash D'Souza
Director

St Joseph Engineering College

Mangalore – 575 028

Ref: SJEC/VP/2015/1002

Date: 13 Jan 2014

Circular

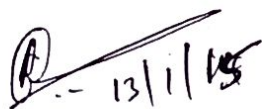
Two Skill Improvement Workshops are being conducted at SJEC by Mr Ragesh Raju, Assistant Professor in MCA Department, as follows:

Dates/Days/Time	Workshop Description	Venue
16 th Jan 2015 (Friday) 9AM to 1PM	Cornea Series: Hands-on Workshop on Photography Techniques	AC Seminar Hall, VII Floor, Academic Block III
16 th Jan 2015 (Friday) 2PM to 5PM	Spandana Series: Hands-on Workshop on PhotoShop Skills	Language Lab, I Floor, Academic Block II

The Workshop is open to Faculty, Technical and Administrative Staff of SJEC. Faculty/Staff may register for both workshops, if they want to. However it is their personal responsibility to get the approval of their respective HOD/Head of Section before registering online.

For Online Registration go to: <http://tinyurl.com/SJEC-Photo-Workshop>

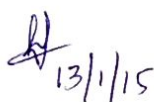
Offline/Paper registrations will not be accepted. Please note that the online registration is through your SJEC email account. Maximum participants that can be accommodated for Photography is 30. Maximum participants that can be accommodated for Photoshop is 50. Registration will be on First-Come-First-Served basis. Registration will be blocked when maximum number is reached. Participants who opt for Photography Workshop, may bring their camera, if they have one.


- 13/1/15

Dr Rio D'Souza
Vice Principal

Copy to: Director-in Charge/Assistant Director/Principal/HRM
All Deans and HODs: to inform all faculty & staff
Library/CCC/Office/Accounts/Placement/Phy Ed Dept

To
All ECE Staff


13/1/15

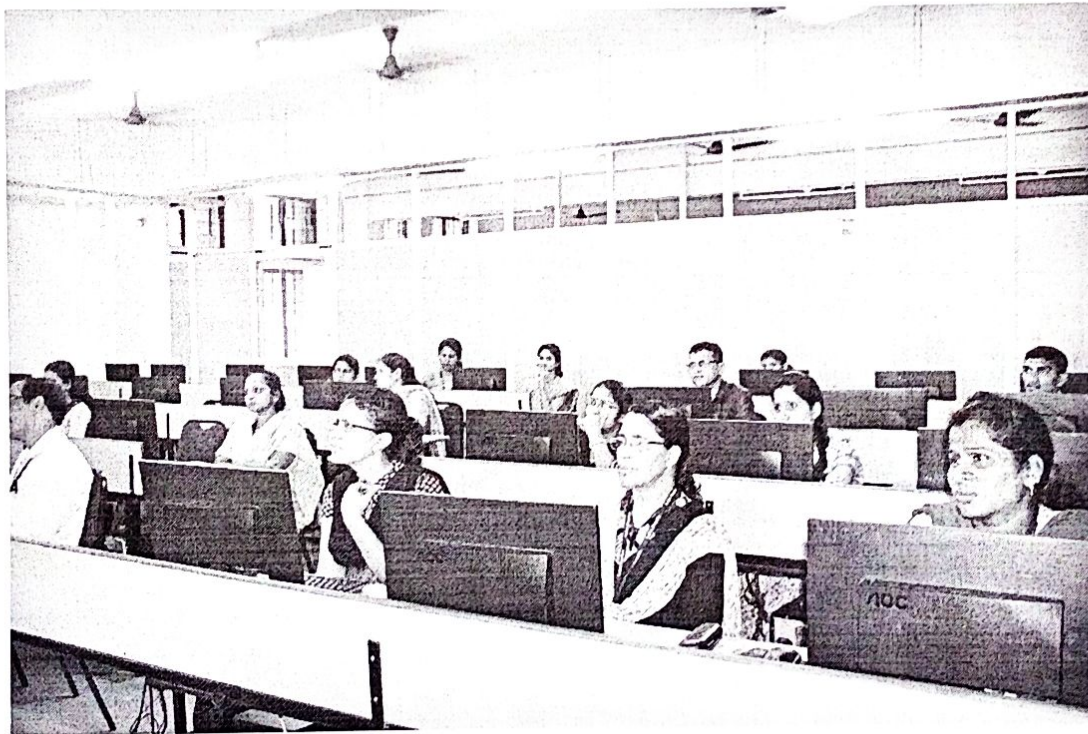


Cornea - 2015

FDP on “Photography Techniques”

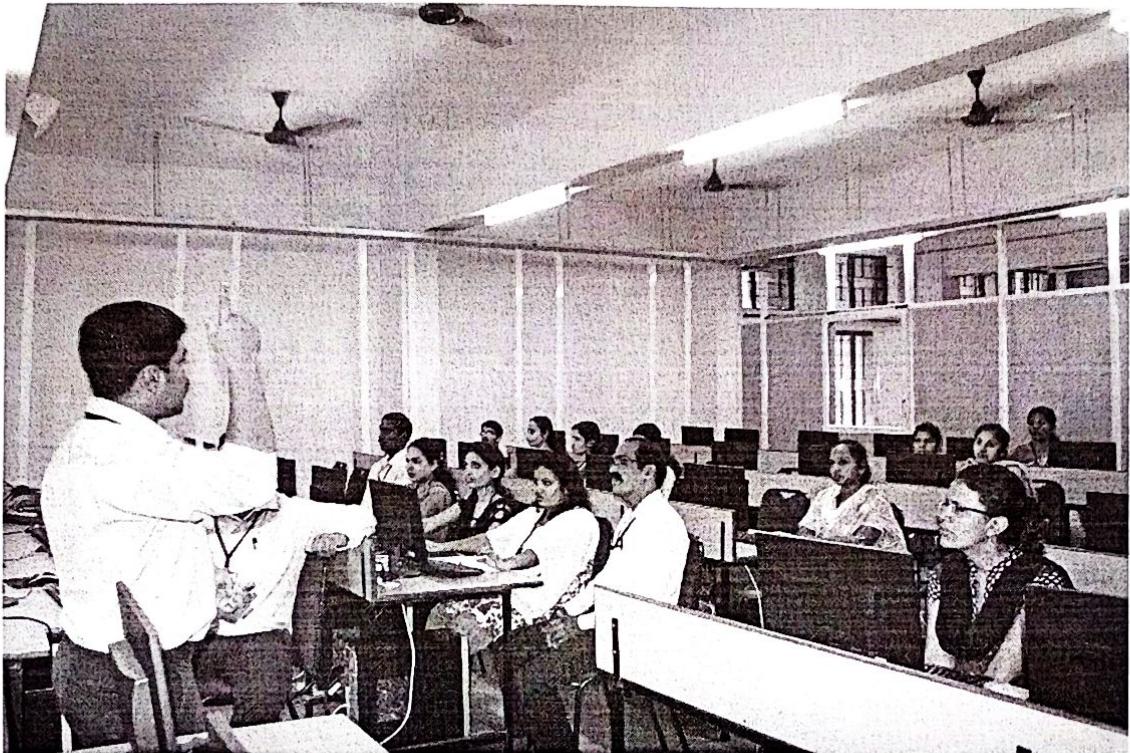
The session of Cornea Series 2015 on “Photography Techniques” for the non-teaching staff of the college was conducted on 16th January 2015 from 9 am to 1 pm in MBA labs, Academic Block III. The resource persons for the session was Mr Ragesh Raju, Assistant Professor of MCA department.

The session began with a basics of Photography techniques. Mr Ragesh Raju explained the common mistake people do while taking photos like Camera Shaking, using Flash Indoors. Etc. He also suggested to create a Sense of depth, use Simple backgrounds. Also he showed some nice photography which he had captured. The number of participants for this session were 30.





ST JOSEPH ENGINEERING COLLEGE, MANGALURU-575028



Submitted by

Deep

(Deepthi. S.R)

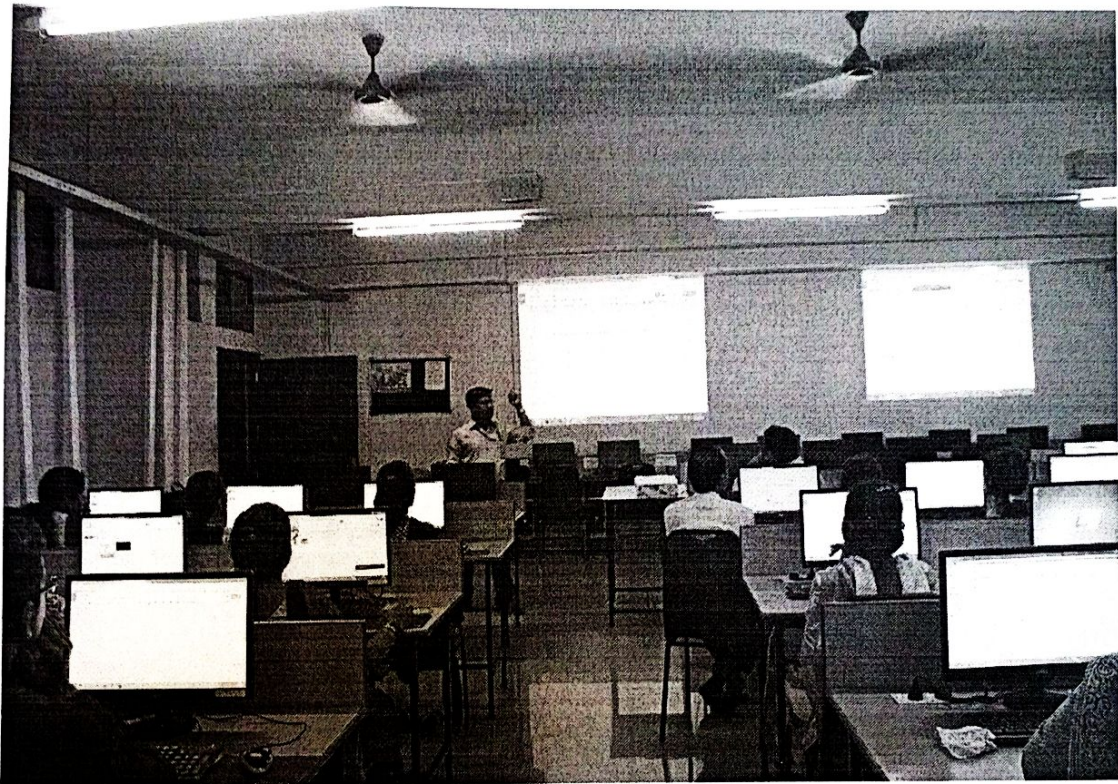


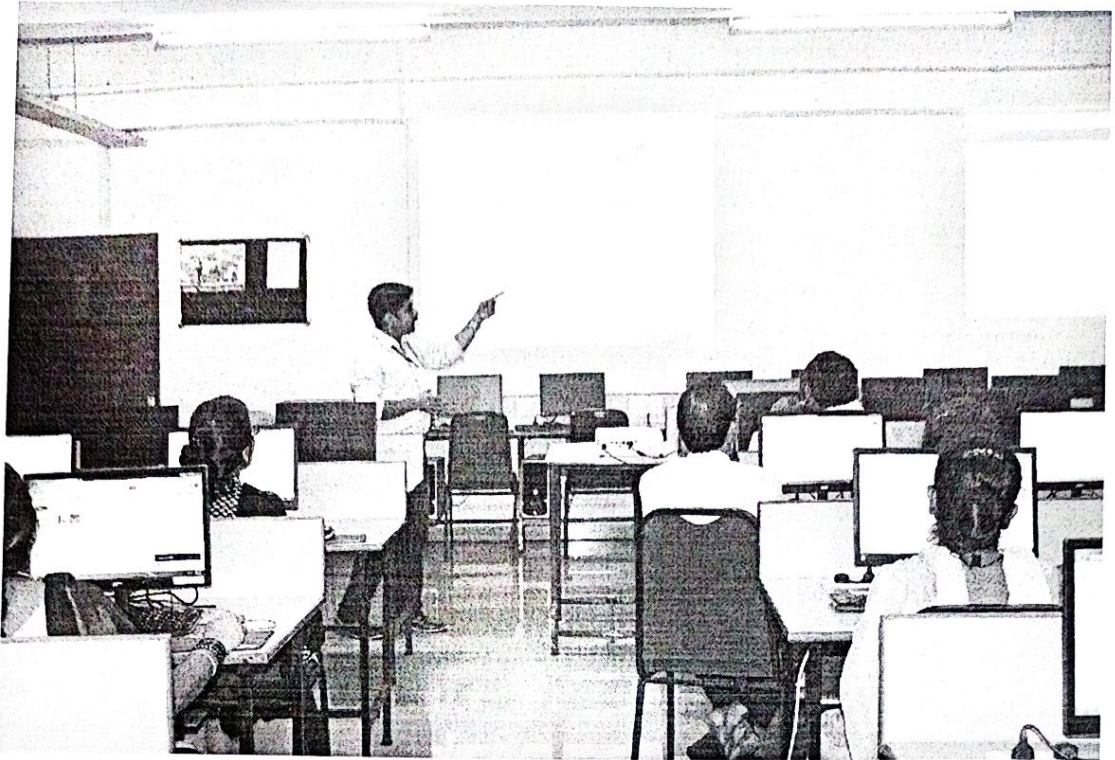
Spandana - 2015

FDP on “PhotoShop skills”

The session of Cornea Series 2015 on “Photoshop Skills” for thenon-teaching staff of the college was conducted on 16th January 2015 from 2 pm to 5 pm in MBA labs. The resource persons for the session was Mr Ragesh Raju, Assistant Professor of MCA department.

The session began with a basics of Photoshop techniques. Some video tutorials on Photoshop were demonstrated in the session. Resource person also introduced creating and uploading files and folders in to Google drive. The discussion also extended to Google docs, sheets, slides, forms and calendar. The number of participants for this session were 30.





Report Submitted by
Jen
(Jennifer C Saldanha)

Registration Form

Faculty Development Program

on

Automation and Robotics

15th & 16th July, 2016

Organized By

Department of Mechanical Engineering
St Joseph Engineering College
Vamanjoor, Mangaluru - 575 028

tion:

f the College and Address:

Specialization:

Number:

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of enclosed DD:

number:

f the Bank:

Signature
of Head of the Institution
with Seal

Most Rev. Dr Aloysius Paul D'Souza
Bishop - Diocese of Mangaluru
President, SJEC

Patrons

Rev. Fr Joseph J. Lobo
Director, SJEC

Rev. Fr Rohith D'Costa
Assistant Director, SJEC

Advisors

Dr Joseph Gonsalvis
Principal, SJEC

Dr Rio D'Souza
Vice-Principal, SJEC

Dr Raju K.
Professor, Department of Mechanical Engineering

Dr Shreeranga Bhat
Assoc. Professor, Department of Mechanical Engineering

Dr Purushottam Chippar
Assoc. Professor, Department of Mechanical Engineering

Organizing Secretary

Dr Sudheer M.
HOD, Department of Mechanical Engineering

Coordinators

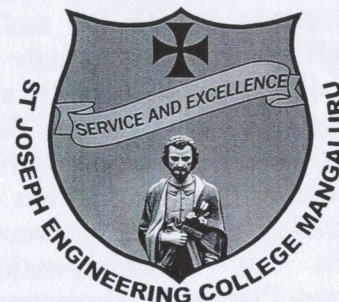
Mr Binu K. G.
Assoc. Professor, Department of Mechanical Engineering

Ms Chaithra S. V.
Asst Professor, Department of Mechanical Engineering

Mr Santhosh H.
Asst Professor, Department of Mechanical Engineering

Sudheer M
24-07-2020
PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
ST. JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALORE - 575 028

ST JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALURU-575 028



Faculty Development Program

on

Automation and Robotics

15th & 16th July, 2016



Organized By

Department of Mechanical Engineering

The College

affiliated to Visvesvaraya Technological University, Belgaum, Karnataka State, and is approved by the All India Council for Technical Education (AICTE), New Delhi. Established in 1984, the College offers top class education in Engineering, Business Administration and Computer Applications at UG, PG and Research level. It has well qualified staff, state of the art laboratories and all facilities. Presently about 2300 students are studying in the College. The College offers a wide variety of co-curricular and extra-curricular activities which give a head-start to students, developing their personality and leadership skills of decision-making and management. Campus Placement Department assists students to secure good jobs. For the academic year 2013-14, a total of 338 students are placed through Campus Placement Drives. The placement status at the college is the best among V.T.U institutions of the region.

The Department

The Department of Mechanical Engineering was established in the year 2002 with the vision of producing technically competent and socially responsible Engineering Professionals. Alma mater of more than 1000 Graduate Engineers over the past glorious years; the Mechanical Engineering Department, SJEC, strives to prepare students for employment across a broad range of industries such as automotive, heavy, manufacturing, materials and metallurgical, oil and gas, and aeronautical. Mechanical Engineering encompasses learning the application of physical principles of heat, force, conservation of mass and energy, design of mechanisms and machine elements, system design, production and maintenance of industrial machinery, etc. Thrust is laid on teaching students with latest design tools, to keep students abreast with modern technologies in the discipline of Mechanical Engineering. The

Department offers Undergraduate (B.E.), Post Graduate (M.Sc. in Engineering by Research), and Doctoral (Ph.D.) programme; with an annual intake of 180 candidates for B.E. Course. The Department of Mechanical Engineering at SJEC is one of the few Departments in the region to secure NBA Accreditation for the period 2013-2015.

About the Workshop

Workshop on Automation and Robotics is an attempt by the Department of Mechanical Engineering at SJEC-Vamanjoor, Mangaluru, to promote the understanding and use of conceptual, as well as, practical knowledge of Industrial Automation & related technologies. Automation is the delegation of human control functions of machineries and processes to dedicated automation and robotic systems. It enables the use of control systems such as computers, PLCs, and Microcontrollers to operate machineries and processes, with the objective of reducing the need for human sensory and mental requirements, as well as, avoiding scope for human error. The most important aspect behind an automated industrial plant is the programmable logic controller, generally known as a PLC. PLCs along with associated automation components such as, sensors, drive motors, actuators, control valves, conveyors, SCADA systems, computers & many more, enables the automation of the complete process. Robotics essentially governs the basics of automation. It is the innovative branch of logic control behind today's modern industrial automation, space science, medical science, education and research.

This workshop covers the essential theory combined with hands-on sessions to provide a realistic understanding of automation and robotics theory as well as PLC programming and related automation software. The morning sessions of the workshop will include theoretical sessions on industrial robotics, automation and related technologies, while the post lunch sessions will focus on hands-on training on automation related software.

How to Apply:

Interested candidates should submit the completely filled registration form, along with crossed demand draft drawn in favor of St Joseph Engineering College payable at Mangaluru or by means of electronic money transfer to the account number: 10792191000040 Bank: Oriental Bank of Commerce, Branch: Vamanjoor, IFSC/RTGS Code: ORBC0100966. For any queries regarding registration send your email to: binuk@sjec.ac.in or contact the coordinators.

Selection will be on first-come-first-serve basis. The number of participants is limited to 40.

Who can Register?

Faculty, Research Scholars, and UG/PG students from Engineering Colleges, and Industry Personnel.

Registration Fees

Faculty, Research Scholars & Industry Personnel	₹ 1000
UG/PG Students	₹ 500

Last Date for Registration: 10th July, 2016

Resource Persons

Experts from Automation Industries, such as: FANUC INDIA Private Limited, Bosch Rexroth, and Indwell Automation Training, will be the key Resource Persons for this workshop. Subject experts from reputed academic institutions will also be a part of the Resource team.

Address for Communication

Mr Binu K.G.

Coordinator
Associate Professor
Department of Mechanical Engineering
St Joseph Engineering College
Vamanjoor, Mangaluru - 575 028
binuk@sjec.ac.in
+91 9739866947

Brochure and Registration Form may be downloaded from our college website: www.sjec.ac.in

National Institute of Technology Karnataka, Surathkal



Short Course Sponsored by GIAN
MHRD, GOI
On



Hybrid Composites: Manufacturing, Mechanics and Materials (151034L04) December 18-22, 2016

OVERVIEW

The overarching goal of this course is to disseminate cutting-edge technology and research in the field of advanced composites. Efforts are widely being pursued globally in developing advanced composites with the intension of superior performance compared to monolithic materials and alloys. In Indian scenario with concentrated focus on SKILL DEVELOPMENT and MAKE IN INDIA initiative of GOI, transportation sector will benefit from the expertise shared by the speaker on developing hybrid composites.

Module	18 th Dec.
	<p>Lecture 1 : 9.30 to 10.30 AM Introduction to Hybrid Composites: Manufacturing, Mechanics & Applications</p> <p>Lecture 2 : 10.45 to 12 Noon Micromechanical Modeling to Determine the Compressive Strength & Failure Mode Interaction of Multidirectional Laminates</p> <p>Tutorial 1 : 2 to 3 PM Interface Strengthening of Multi-directional Laminates using Additive Manufacturing</p>
	<p>Lecture 3 : 9.30 to 10.30 AM Fiber reinforced Composites: Micromechanics and Lamination Theory for understanding the mechanics of these materials</p> <p>Lecture 4 : 10.45 to 12 Noon Damage and Failure Theories for Composites</p> <p>Tutorial 2 : 2 to 3 PM Physical testing and data analysis for composites materials</p>
	<p>Lecture 5 : 9.30 to 10.30 AM Experimental Investigation of Thermal Shock Effects on Carbon-Carbon Composites</p> <p>Lecture 6 : 10.45 to 12 Noon Computational Modeling of Carbon/Carbon Composites under Thermal Shock Conditions</p> <p>Tutorial 3 : 2 to 3 PM Hybrid Textile Composites as Potential Cryogenic Tank Materials</p>
	<p>Lecture 7 : 9.30 to 10.30 AM Sandwich Composites for Marine Applications</p> <p>Lecture 8 : 10.45 to 12 Noon Influence of arctic sea water conditions on the failure mechanics of woven sandwich composites</p> <p>Tutorial 4 : 2 to 3 PM Foams Cores for Sandwich Composites: Novel Low Density Materials – Manufacturing Demonstration</p>
	<p>Lecture 9 : 9.30 to 10.30 AM Nanowire Reinforcement of Woven Composites for Enhancing Interlaminar Fracture Toughness</p> <p>Lecture 10 : 10.45 to 12 Noon Impact Response of Woven Composites with Interlaminar Reinforcement</p> <p>Tutorial 5 : 2 to 3 PM Quasi-2D Model for Free Edge Effects in Laminates under Multi-axial Loading</p>

Sudhakar
26/12/2020
PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
NITK SURATHKAL

WHO CAN ATTEND?

- Executives, engineers and researchers from Manufacturing, Service and Government organizations including R&D laboratories and industry.
- Student at all levels (B.Tech/M.Sc/M.Tech/Ph.D) from all the streams or Faculty from reputed academic institutions and technical institutions.

COURSE FEES

Participant from abroad	: US \$500
Industry/research organizations	: Rs. 5000/-
Faculty from Academic Institutions	: Rs. 2000/-
Students	: Rs. 1000/-

Mode of Payment

DD for registration fee in favor of the **Director, NITK Surathkal**, payable through any Nationalized Bank at Surathkal/ Mangalore. *DD should reach to Dr. Mrityunjay Doddamani at the address give below.*

The above fees include all instructional materials. Limited participants will be provided with sharing accommodation on payment basis.

NO registration fee for faculty/students of NITK, Surathkal.

TEACHING FACULTY



Dr. Pavana Prabhakar is an Assistant Professor of structural mechanics in the Department of Civil and Environmental engineering at the **University of Wisconsin-Madison** (mamel.engr.wisc.edu), where she leads the Manufacturing and Mechanics Lab (MaMeL). She earned her PhD in Aerospace Engineering from the University of Michigan, Ann Arbor in May 2013. She received a Master's degree in Civil and Environmental Engineering from the University of California, Berkeley in 2008 and her bachelor's degree from the National Institute of Technology, Karnataka, India in 2007.

Her current and previous research involves extensive work in the computational and experimental investigation of failure and damage in solids for structural applications. Her research efforts are focused towards designing materials with high strength and toughness to ensure the structural integrity of fabricated materials. Her expertise include micromechanical and structural analysis of materials using computational modeling, understanding the effect of extreme environment on the microstructure and mechanical properties, and failure analysis of structural materials using state-of-art technology. She has a vast experience in modeling the manufacturing processes for polymeric composites and metals accounting for defect formation during fabrication and their influence on the quality of the fabricated material. She is also one of the recipients of the 2015 Air Force of Office of Scientific Research Young Investigator Program (AFOSR-YIP) award, where her focus is on novel multiscale design of interfaces for polymeric composites and bonded joints using polymer additive manufacturing.

Course Coordinators



Dr. Mrityunjay Doddamani
Principal Co-ordinator
Department of Mechanical Engg.,
National Institute of Technology
Karnataka (NITK), Surathkal,
PO Srinivasnagar 575 025, Mangalore
Tel: +91 94489 20878 (M)
Email: mrdoddamani@nitk.edu.in



Prof. S. Narendranath
Co-principal Co-ordinator
Department of Mechanical Engg.,
National Institute of Technology
Karnataka (NITK), Surathkal
PO Srinivasnagar 575 025, Mangalore
Tel: +91 09448793833 (M)
Email: narenbayalu@gmail.com

Sudh
26.02.2020

REGISTRATION FORM

Department of Mechanical Engineering
National Institute of Technology Karnataka, Surathkal
TEQIP-II Sponsored Two-day National Workshop on

BioFluid Dynamics and Bioheat Transfer

20 – 21 February 2017

Two-day National Workshop on
**BioFluid Dynamics
and
Bioheat Transfer**
20 – 21 February 2017

Organized by
**Department of Mechanical Engineering
National Institute of Technology Karnataka
Surathkal, Srinivasnagar P.O., Mangalore-575 025
www.nitk.ac.in**

Name (in Block letters):
Designation:
Highest Qualification:
Department:
Mailing Address:

Mobile:
Experience-Teaching/Industry/Research:
Accommodation required? YES/NO

Sudhakar / 26-2-2020
PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
NITK SURATHKAL
MANGALORE - 575 025

DECLARATION BY THE PARTICIPANT

The information furnished above is true to the best of my knowledge. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the Coordinator sufficiently in advance, in case I am unable to attend the programme.

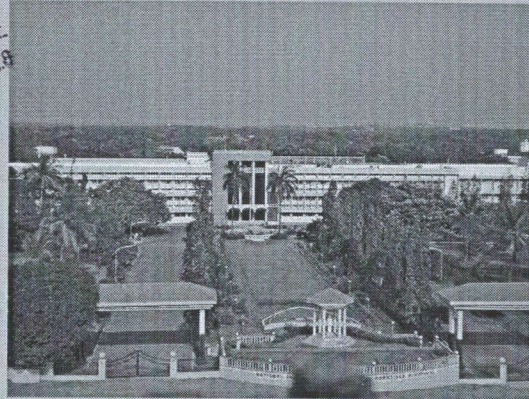
Date: _____ Signature of Applicant _____

SPONSORSHIP CERTIFICATE

Certified that Dr./Mr./Ms
.....is an employee/student of our institute and
I hereby permitted to attend the Two-day National
Workshop on "BioFluid Dynamics and Bioheat Transfer", if
selected.

Signature (with seal)
Head of the Institution

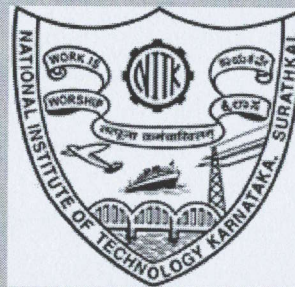
Sponsored by TEQIP-II



Coordinators

**Dr. ANISH S
Dr. AJAY K YADAV**

**Dr. RANJITH M
Dr. ARUN M**



HOW TO REACH NITK

Being situated right on the NH-66, the Institute is very well connected by bus routes to the North and South of India. Mangalore is also connected by NH-48 to Bangalore and there are a number of luxury buses plying daily between Mangalore and Bangalore all through the day. Surathkal, on the Konkan Railway line (linking Mumbai to Kanyakumari), is the nearest railway station and is a stopover for most trains passing through Konkan Railway. While Surathkal and Kankanady (Mangalore Jn.) are the closest alighting points for visitors coming by train from north. Mangalore Central is the terminus for many trains from South India. The Mangalore (Bajpe) airport is just 20 km from the campus.

IMPORTANT DATES:

Last date for receipt of application: **15th Feb, 2017**
Intimation about selection: **17th Feb, 2017**
(Only through e-mail)
Last date for confirmation by participant: **17th Feb, 2017**

CONTACT INFORMATION:

Please address all communications to the Coordinator
Dr. Anish S,
Assistant Professor,
Department of Mechanical Engineering,
NITK Surathkal,
Srinivasnagar Post, Mangalore-575 025,
Mobile: 9036317552.
Email: bfdworkshop@gmail.com

NITK SURATHKAL

Since its inception in 1960, National Institute of Technology Karnataka (NITK), Surathkal has established itself as a premier Institution, engaged in imparting high quality technical education and supporting and development activities. NITK has conferred the status of an Institution of National Importance vide NIT Act No.29 of 2007 by Govt. of India and is consistently ranked as one of the top ten technical institutions in India. Presently, NITK offers 9 Bachelors, 28 Master's and Doctoral Degree programmes.

NITK is committed to enhance capabilities and potential of our human resources with the objective of transforming them into leaders in their chosen areas of interest. The vision of NITK is to strive for excellence, be globally competitive in technical education and focus on knowledge assimilation, generation and dissemination. The year-long activities during the occasion show-cased the glorious contributions of NITK in various fields of its activities and projected new initiatives for the coming years. The institute is located 22 kilometres north of Mangalore city along the Kanyakumari-Mumbai National Highway-66, amid 300 acres of sylvan surrounding with the picturesque Western Ghats on the east and sun-kissed sands of the Arabian Sea to the west.

DEPARTMENT OF MECHANICAL ENGINEERING

Department of Mechanical Engineering established in 1960, the oldest and largest department of NITK, has earned a good reputation as a center for academic, research and industrial consulting activities. Academic Programmes leading to B. Tech. degree in Mechanical Engineering, M. Tech. degree in Manufacturing, Mechatronics, Thermal & Design and Precision Engineering, and PhD degree in the broad areas of Design, Manufacturing, Mechatronics, and Thermal Engineering are currently offered by the department. Laboratories with state of the art equipments, highly qualified faculty and dedicated supporting staff

provide an ideal environment for academic and research pursuits.

ABOUT THE WORKSHOP

BioFluid Dynamics and Bioheat Transfer deals with the study of interrelationships between fluid dynamics, heat transfer and physicochemical phenomena and the associated biological behavior of physiological systems. The study mainly includes fluid-structure interaction and heat and mass transfer at low Reynolds numbers with micro-to-nano scales. The main thrust of this research involves developing improved therapies for human body related diseases and disorders and also to develop optimized microfluidic devices for various biomedical applications like drug delivery, sperm sorting and separation, DNA synthesis, cancer treatment etc. These integrated studies bring together basic and applied scientists (including computational scientists), device developers and physicians to study problems of high clinical importance.

Analytical, numerical and experimental methods are essential to study fluid dynamics and heat transfer problems in biological systems. The challenge is to link fundamental bio-transport processes and application based medical technology to biomedical engineering tools integrated in clinical practice. Hence, both experimental and computational expertise are essential to solve steady or transient physiologic and patho-physiologic flow, mass and heat transfer problems coupled with pharmacokinetics. The proper matching of experimental and computational techniques with actual patient diagnosis, *in vitro* and *in vivo* experimental study including device performance to predict and treat patho-physiologic conditions, defect and diseases is of prime interest in BioFluid Dynamics and Bioheat Transfer study.

With this perspective, the main focus of this workshop is to encourage young researchers to explore various experimental and computational techniques in the

field of BioFluid Dynamics and Bioheat Transfer for its effective use in developing microfluidic devices for biomedical applications.

PROGRAMME CONTENTS:

- Experimental methods in microfluidic applications
- FSI applications for the human circulatory systems
- Computational techniques in BioFluid Dynamics applications
- Targetted drug delivery
- Thermal therapy on cancerous tissues
- Bacterial flagellar propulsion

RESOURCE PERSONS

Prof. Suman Chakraborty (IIT Kharagpur)
Prof. Prof. B. S. V Prasad Patnaik (IIT Madras)
Prof. Arul Prakash (IIT Madras)
Dr. B. S .Sathish Rao (Manipal University)

ELIGIBILITY AND SELECTION CRITERIA

Programme is open to faculties, Research Scholars and PG students of Engineering Colleges in the Department of Mechanical/Civil/Production/Manufacturing and related disciplines. Filled-in registration form, sponsorship certificate and declaration should reach the coordinator on or before **15th Feb, 2017** by email. The selected participants will be informed of their selection by email by **17th Feb, 2017**. The number of participants is limited.

REGISTRATION

- **For external participants 500 INR**
- **No fee for internal participants**

ACCOMMODATION

Limited accommodation may be provided to outstation participants on shared basis in the institute guest houses/ hostel on prior request. Participants have to bear the boarding and lodging expenses.

Report

Abstract:

Theme	:	Course Design and Management
Outcomes	:	<p>The participants were able to</p> <ul style="list-style-type: none">• Create Statement of Teaching Philosophy by understanding the nitty-gritty of roles of responsibilities in engineering Education• Analyze the pedagogy of student engagement in learning with more traction than before through meticulous design of the courses.• Apply the methodology to ensure students' Life Long Learning.• Comprehend and respect students as learners with varying capacities and preferences.
Recourse Persons	:	<p>Dr Rio D'Souza, Dr Binu K.G., Dr Shreeranga Bhat, and Ms Bhavya, Ms Evita Coelho, Ms Supreetha R., Mr Ragesh Raju, Mr Subramanya, Mr Vijay Ganesh P.C., Mr Anoop C.V., Mr Rolen Lionel Rodrigues, and Mr Vinish P., Dr Purushothama Chhippar, Mr Vijay V.S., Ms Avila Pinto, and Mr Prathviraj N. – Faculty SJEC</p> <p>Dr B V Ravishankar, Vice Principal, BMSCE, Bengaluru</p>
Date	:	Phase 1: 16-18 July 2018; Phase 2: 25-28 July 2018
Venue	:	<ul style="list-style-type: none">• Spoorthi Seminar Hall in the 7th Floor of Academic Block III• CAED Lab, 3rd floor of Academic Block III• Sophia Chamber, 1st floor of Academic Block III
No. of Sessions	:	7
Organized by	:	Internal Quality Assurance Cell (IQAC), SJEC
Participation Fees	:	Nil
No. of Participants	:	151
Total Fees collected	:	Nil
Total Expenditure	:	Rs. 20,650

Sudh A 26.2.2020
PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
ENGINEERING COLLEGE

Details:

The very objective of the SJEC is to constantly work towards excellence, so that Institution can serve better for all the stakeholders. In this context, Internal Quality Assurance Cell (IQAC) of SJEC has organized a workshop on the topic “Course Design and Management (CDM)” for the faculty of the organization under the FDP series “Integra 2018”. The workshop was organized in two phases during 16-18 July 2018 and 25-28 July 2018 with objective of ‘course content design’ in first phase and ‘course content review’ in the second phase, in Spoorthi conference hall. A course is more than the syllabus and the content. There can be so many rich and dynamic resources, media, software, interactions, activities, etc which can make learning fulfilling as well as fun. It depends on how we design our course, that the journey becomes enjoyable for the traveler. That's why it's called a "course". Educators job is to facilitate the students towards learning, provide resources and a framework. Moreover, purpose is to help the students to manage their course and pave the way forward to explore things themselves. Encourage by showing them the romance and beauty of the course. In order to guide these initiatives, the SJEC organized several sessions wherein the tools to design and manage courses are discussed and demonstrated. Thus, the workshop was titled as “Course Design and Management”.

Objectives of the workshop:

- Engage students in learning with more traction than before through meticulous design of the courses.
- Engage students in learning by themselves.
- Respect students as learners with varying capacities and preferences.

The workshop comprised of 7 sessions as follows.

Sessions	Contents	Resource Persons
1	Topic: “ Statement of Teaching Philosophy ”	Dr Binu K.G., Dr Shreeranga Bhat, and Ms Bhavya, Faculty SJEC
2	Topic: “ Pedagogies of Engagement: Classroom Practices ” and “ Characteristics of Difficult Concepts ”	Ms Evita Coelho, Ms Supreetha R., Mr Ragesh Raju, Mr Subramanya, Faculty SJEC

Sudhakar 26.02.2020

PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING

Sessions	Contents	Resource Persons
3	Topic: “Inductive Teaching and Learning Methods: Definition, Comparison, and Research Bases”	Mr Vijay Ganesh P.C., Mr Anoop C.V., Mr Rolen Lionel Rodrigues, and Mr Vinish P., Faculty SJEC
4	Topic: “Classroom Assessment”	Dr Purushothama Chippar, Mr Vijay V.S., Ms Avila Pinto, and Mr Prathviraj N., Faculty SJEC
5	Topic: “Design of Personal Page and Course Content Management”	Mr Ragesh Raju, Faculty SJEC
6	Topic: “Modern Tools for Teaching and Learning Process”	Dr B V Ravishankar, Vice Principal, BMSCE, Bengaluru
7	Topic: “Design Thinking in Teaching”	Dr Rio D’Souza, Principal, SJEC

Prior to the commencement of workshop every faculty was asked to prepare a course plan for the course assigned to them in the coming semester, as per the OBE format adopted by their department. Further, a course web portal was developed to disseminate the information and to facilitate the participants to submit the assignments. Four research papers pertaining to OBE and sessions were communicated through web postal, and asked them to submit the summary of research papers, to ensure effective participation during the workshop.



Sudhakar 26.02.2020
 PROFESSOR & HEAD
 DEPARTMENT OF MECHANICAL ENGINEERING
 ST. JOSEPH ENGINEERING COLLEGE
 VAMANJOOR, MANGALORE - 575 028



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PROFESSOR & HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
ST. JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALORE - 575 028



Sudhakar 26.02.2020
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DEPARTMENT OF MECHANICAL ENGINEERING
ST. JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALORE - 575 028



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Name ↓	Owner
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Dec 23, 2014

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- FY OddSem 2014 TermEnd
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Dec 23, 2014

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Dec 23, 2014

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Nov 28, 2014

Secretary Dean's Office edited an item

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Nov 28, 2014

Secretary Dean's Office edited an item

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H. O. D.
 Department of Physics
 St. Joseph Engineering College
 Vamanjoor, Mangalore - 575 028



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- Priority
- My Drive
- Shared with me
- Recent
- Starred
- Trash

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Name ↑

- Engg Physics
- Physics Lab
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Physics

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Apr 8, 2015



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E&E (D) Section
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Apr 8, 2015



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Civil (C) Section
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Apr 8, 2015



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Apr 8, 2015



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Apr 8, 2015



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Apr 8, 2015

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B. S. D.
 H. O. D.
 Department of Physics
 St. Joseph Engineering College
 Vamanjoor, Mangalore - 575 028

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Registration Form

ONE DAY WORKSHOP ON STAAD Pro & TOTAL STATION

Friday 15th July, 2016

Organized by

Department of Civil Engineering
St Joseph Engineering College
Vamanjoor, Mangaluru - 575 028

Name:

Designation:

Name of the College and Address:

Field of Specialization:

Mobile Number:

Email ID:

Details of enclosed DD:

DD Number:

Date:

Name of the Bank:

Signature

Chief Patron

Most Rev. Dr Aloysius Paul D'Souza
Bishop - Diocese of Mangaluru
President, SJEC

Patrons

Rev. Fr Joseph J. Lobo
Director, SJEC

Rev. Fr Rohith D'Costa
Assistant Director, SJEC

Advisors

Dr Joseph Gonsalvis
Principal, SJEC

Dr Rio D'Souza
Vice Principal, SJEC

Dr Nalini Rebello
HOD

Department of Civil Engineering, SJEC

Convener

Ms Bhavya
Assistant Professor
Department of Civil Engineering, SJEC

Co Convener

Mr Govinda Krishna M.
Assistant Professor
Department of Civil Engineering, SJEC

St Joseph Engineering College

Affiliated to VTU-Belgaum and Recognized by AICTE
NBA - Accredited: B.E. (CSE, ECE, EEE & ME)
Vamanjoor, Mangaluru - 575 028
Karnataka State, India



ONE DAY WORKSHOP ON STAAD Pro & TOTAL STATION

15th July, 2016



Organized by
Department of Civil Engineering

About SJEC, Mangaluru

SJEC is affiliated to Visvesvaraya Technological University, Belgaum, Karnataka State, and is recognized by the All India Council for Technical Education (AICTE), New Delhi. Established in 2002, the College offers top class education in Engineering, Business Administration and Computer Applications at UG, PG and Research levels. It has well qualified staff, state of the art laboratories and all facilities. Presently about 2500 students are studying in the College. The College provides for a wide variety of co-curricular and extra-curricular activities which give a head-start to students, developing their personality and imparting skills of decision-making and leadership. Campus Placement Department assists student's secure good jobs.

About Department of Civil Engineering

A vibrant Department, established in 2012, the first batch of undergraduate students graduating in 2016, the Civil Engineering department aims to produce graduate engineers equipped for careers in the public and private sector encompassing areas such as structural engineering, geotechnical engineering, water resources, transportation, environmental and construction industries. The faculty is well trained in all major specializations of Civil Engineering. Spacious and well equipped state-of-the-art laboratories and computing facilities are the mainstay of the Department. Frequent visits by professionals from the construction industry and guest lectures by visiting faculty provide practical experience and keep students abreast with the latest advancements. Apart from the syllabus, activities like manual and 3D AutoCAD modelling of structures are also conducted. The Department also offers consultancy services in various Civil Engineering fields which include structural design and testing of construction materials, soil samples, water samples etc.

About the Workshop

This workshop is a platform wherein, in depth modelling of structures using STAAD Pro software will be dealt in the morning session followed by demonstration of the Total Station during the evening session.

STAAD Pro is a structural analysis and design computer program. It supports several steel, concrete and timber design codes. It can also make use of various forms of dynamic analysis from modal extraction to time history and response spectrum analysis.

Total station is mainly used by land surveyors and Civil Engineers, either to record features as in topography of the area or to measure relative distances, angles, coordinates between different points on the ground. Total station stores data which can be retrieved at any later stage.

Resource Persons

Er Rajesh

Centre Head
CADD centre, Bendoorwell

Mr Govinda Krishna M.

Assistant Professor
Department of Civil Engineering, SJEC

Mr Manjunath B.

Assistant Professor
Department of Civil Engineering, SJEC

Who can attend

Civil Engineering Faculty and PG students of any specialization.

Venue

Department of Civil Engineering

Registration Details

Filled Registration Forms must be sent along with the registration fee of ₹ 300 in the form of DD to the postal address. DD should be drawn in favour of "St Joseph Engineering College", Payable at Mangaluru. Due to limited number of seats the selection of participants will be entirely based on first come first served basis.

Last Date of Registration: 5th July, 2016

Notification of Acceptance: 10th July, 2016

Program Schedule

8.45 am	: Registration
9.00 am-10.00 am	: Inauguration
10.00 am	: Tea Break
10.15 am-11.30 am	: Staad Pro session by Mr Govinda Krishna M.
11.30 am-1.00 pm	: Staad Pro session by Mr Manjunath B.
1.00 pm-2.00 pm	: Lunch Break
2.00 pm-4.30 pm	: Session on Total Station
4.30 pm	: Valedictory Function

Note

No TA/DA would be provided to the participants

Address for Communication

Ms Bhavya
bhavya@sjec.ac.in
+91 9902194780

Mr Govinda Krishna M.
govindak@sjec.ac.in
+91 7829440971

Assistant Professor
Department of Civil Engineering
St Joseph Engineering College
Vamanjoor Post
Mangaluru - 575 028
Ph: +91 824 - 2868169

Brochure and Registration Form may be downloaded from our college website: www.sjec.ac.in

Registration Form

TWO DAY WORKSHOP ON STAAD.Pro

28th & 29th June, 2017

Organized by

**Department of Civil Engineering
St Joseph Engineering College
Vamanjoor, Mangaluru - 575 028**

Name:

Designation:

Name of the College and Address:

Field of Specialization:

Mobile Number:

Email ID:

Details of enclosed DD:

DD Number:

Date:

Name of the Bank:

Signature

Chief Patron

Most Rev. Dr Aloysius Paul D'Souza
Bishop - Diocese of Mangaluru
President, SJEC

Patrons

Rev. Fr Joseph J. Lobo
Director, SJEC

Rev. Fr Wilfred Prakash D'Souza
Designate Director, SJEC

Rev. Fr Rohith D'Costa
Assistant Director, SJEC

Advisors

Dr Joseph Gonsalvis
Principal, SJEC

Dr Rio D'Souza
Vice Principal, SJEC

Dr Nalini Rebello
HOD
Department of Civil Engineering, SJEC

Convener

Ms Apoorva K V
Assistant Professor
Department of Civil Engineering, SJEC

Co Convener

Mr Chitharanjan M
Assistant Professor
Department of Civil Engineering, SJEC

St Joseph Engineering College

Affiliated to VTU-Belgaum and Recognized by AICTE
NBA - Accredited: B.E. (CSE, ECE, EEE & ME)
Vamanjoor, Mangaluru - 575 028
Karnataka State, India



TWO DAY WORKSHOP ON STAAD.Pro

28th & 29th June, 2017



Organized by

Department of Civil Engineering

About SJEC, Mangaluru

SJEC is affiliated to Visvesvaraya Technological University, Belgaum, Karnataka State, and is recognized by the All India Council for Technical Education (AICTE), New Delhi. Established in 2002, the College offers top class education in Engineering, Business Administration and Computer Applications at UG, PG and Research levels. Four major UG Engineering departments have been accredited by National Board of Accreditation (NBA). It has well qualified staff, state of the art laboratories and all facilities. Presently about 2300 students are studying in the College. The College provides for a wide variety of co-curricular and extra-curricular activities which give a head-start to students, developing their personality and imparting skills of decision-making and leadership. Campus Placement Department assists student's secure good jobs.

About Department of Civil Engineering

A vibrant Department, established in 2012, the Civil Engineering department aims to produce graduate engineers equipped for careers in the public and private sector encompassing areas such as structural engineering, geotechnical engineering, water resources, transportation, environmental and construction industries. The faculty is well trained in all major specializations of Civil Engineering. Spacious and well equipped state-of-the-art laboratories and computing facilities are the mainstay of the Department.

Frequent visits by professionals from the construction industry and guest lectures by visiting faculty provide practical experience and keep students abreast with the latest advancements. Apart from the syllabus, students are encouraged to take up mini projects on various disciplines. The Department also offers consultancy services for soil testing and concrete testing to construction sites in and around Mangaluru.

About the Workshop

This workshop is a platform wherein, in depth modelling of structures using STAAD.Pro software will be dealt in the session.

STAAD.Pro is a structural analysis and design computer program. It supports several steel, concrete and timber design codes. It can also make use of various forms of dynamic analysis from modal extraction to time history and response spectrum analysis.

Resource Persons

Mr Govinda Krishna M

Assistant Professor
Department of Civil Engineering, SJEC

Mr Manjunath B

Assistant Professor
Department of Civil Engineering, SJEC

Mr Chitharanjan M

Assistant Professor
Department of Civil Engineering, SJEC

Eligibility:

Civil Engineering Faculty and PG students of any specialization.

Venue:

Department of Civil Engineering

Registration Details

Applications must be sent along with the registration fee of Rs.600/- in the form of DD.

DD should be drawn in favour of "St Joseph Engineering College", Payable at Mangaluru.

Due to limited number of seats the selection of participants will be entirely based on first come first served basis.

Last Date of Registration: 20th June, 2017

Notification of Acceptance: 23rd June, 2017

Note

No TA/DA would be provided to the participants

Address for Communication

Ms Apoorva K V

apoorvak@sjec.ac.in
+91 9686244006

Mr Chitharanjan M

chithranjanm@sjec.ac.in
+91 9686423748

Assistant Professor

Department of Civil Engineering

St Joseph Engineering College

Vamanjoor Post

Mangaluru - 575 028

Ph: +91 824 - 2868169

Brochure and Registration Form may be downloaded from our college website:

www.sjec.ac.in

REGISTRATION FORM

TWO DAY WORKSHOP ON **REVIT ARCHITECTURE**

9th and 10th July, 2018

Organized by
Department of Civil Engineering
St Joseph Engineering College
Vamanjoor, Mangaluru - 575 028

1. Name:
2. Designation:
3. Name of the College and Address:
4. Field of specialization:
5. Mobile Number:
6. Email ID:
7. Details of enclosed DD:
DD Number:
Date:
Name of the Bank:

Signature

Chief Patron

Most Rev. Dr Aloysius Paul D'Souza
Bishop – Diocese of Mangaluru
President, SJEC

Patrons

Rev. Fr Wilfred Prakash D' Souza
Director, SJEC

Rev. Fr. Rohith D'Costa
Assistant Director, SJEC

Chief Advisors

Dr Rio D'Souza
Principal, SJEC

Dr Joseph Gonsalvis
Chief of R & D, SJEC

Dr Nalini Rebello
HOD
Department of Civil Engineering, SJEC

Convener

Ms Vani D
Assistant Professor
Department of Civil Engineering, SJEC

Co Convener

Mr Sachin U
Assistant Professor
Department of Civil Engineering, SJEC



St Joseph Engineering College

(Affiliated to VTU, Belagavi and recognised by the AICTE, New Delhi.
B.E. - CSE, ECE, EEE, ME Accredited by NBA, New Delhi)

Vamanjoor, Mangaluru - 575028, Karnataka, India

TWO DAY WORKSHOP ON **REVIT ARCHITECTURE**

9th and 10th July, 2018

Organized by
Department of Civil Engineering

About SJEC, Mangaluru

SJEC is affiliated to Visvesvaraya Technological University, Belgaum, Karnataka State, and is recognized by the All India Council for Technical Education (AICTE), New Delhi. Established in 2002, the College offers top class education in Engineering, Business Administration and Computer Applications at UG, PG and Research levels. Four major UG Engineering departments have been accredited by National Board of Accreditation (NBA). It has well qualified staff, state of the art laboratories and all facilities. Presently about 2400 students are studying in the College. The College provides a platform for a wide variety of co-curricular and extra-curricular activities which give a head-start to students, developing their personality and imparting skills of decision-making and leadership. Campus Placement Department assists student's secure good jobs.

About Department of Civil Engineering

A vibrant department, established in 2012, the Civil Engineering department aims to produce graduate engineers equipped for careers in the public and private sector encompassing areas such as structural engineering, geotechnical engineering, water resources, transportation, environmental and construction industries. The faculty is well trained in all major specializations of Civil Engineering. Spacious and well equipped state-of-the-art laboratories and computing facilities are the mainstay of the department. Frequent visits by professionals from the construction industry and guest lectures by

visiting faculty provide practical experience and keep students abreast with the latest advancements. Apart from the syllabus, students are encouraged to take up mini projects on various disciplines. The department also offers consultancy services for soil testing and concrete testing to construction sites in and around Mangaluru.

About the workshop

This workshop is a platform wherein, in depth modelling of structures using Revit Architecture software will be dealt in the sessions.

Autodesk Revit is a robust design and documentation software application created by Autodesk for architects and building professionals. The tools and features that make up Revit are specifically designed to support building information modeling (BIM) workflows. By utilizing BIM, there is leverage for allowing complex building structures to be accurately designed and documented in a short amount of time. The software accommodates changes made in one part of the model to be automatically propagated to other parts of the model, thus enhancing the workflow for Revit users.

Resource person:

Mr Mithun N Devadiga

Junior Design Engineer

GKW CONSULT GmbH

Brochure and Registration form may be downloaded from our college website:

www.sjec.ac.in

Eligibility

Civil Engineering Faculty and UG students

Venue

Department of Civil Engineering

Registration Details

Applications must be sent along with the registration fee of Rs. 600/- in the form of DD.

DD should be drawn in favour of **"St Joseph Engineering College"**, Payable at Mangaluru.

Due to limited number of seats the selection of participants will be entirely based on first come first served basis.

Last date of Registration: 2nd July, 2018

Notification of Acceptance: 5th July, 2018

NOTE:

No TA/DA would be provided to the participants

ADDRESS FOR COMMUNICATION:

Ms Vani D
+91-8748868719
vanid@sjec.ac.in

Mr Sachin U
+91-9449534084
sachinu@sjec.ac.in

Assistant Professor,
Department of Civil Engineering,
St Joseph Engineering College,
Vamanjoor Post, Mangaluru – 575 028
Phone: +91- 824 2868169

REGISTRATION FORM

Three Day Faculty Development Programme on FORENSICS IN CIVIL ENGINEERING

22nd to 24th July, 2019

Name:.....

Designation:.....

Address for Communication:.....

.....

.....

Mobile Number:.....

Email ID:.....

REGISTRATION FEE DETAILS

DD/Online Transfer Ref. No. :

Amount :

Date :

Bank & Branch:.....

Signature of the Applicant

FORWARDED BY HEAD OF THE INSTITUTION / DEPARTMENT

(Signature of Head of Institute / Department with seal)

ORGANISING COMMITTEE

CHIEF PATRON

Most Rev. Dr Peter Paul Saldanha
Bishop-Diocese of Mangalore
President-SJEC

PATRONS

Rev. Fr Wilfred Prakash D'Souza
Director

Rev. Fr Rohith D'Costa
Assistant Director

Rev. Fr Alwyn Richard D'Souza
Assistant Director

CHIEF ADVISORS

Dr Rio D'Souza
Principal

Dr B Radheshyam
Professor & Head

CONVENERS

Dr Yajnheswaran B
Associate Professor

Mr Manjunath B
Assistant Professor

MEMBERS

Mr Govinda Krishna M
Ms Bhavya

Ms Apoorva KV

Mr Prashant Kurdekar
Mr Sachin U

Mr Chitharanjan M

Mr Vijay H

Ms Vani D

Mr Rakshith R Suvarna

Mr Ajeeth B

Faculty Members
Department of Civil Engineering



St Joseph Engineering College

(Affiliated to VTU, Belagavi and recognised by the AICTE, New Delhi.
B.E. - CSE, ECE, EEE, ME Accredited by NBA, New Delhi)

Vamanjoor, Mangaluru - 575 028, Karnataka, India

Three Day Faculty Development Program on

FORENSICS IN CIVIL ENGINEERING



22nd to 24th July, 2019

Organised by

DEPARTMENT OF CIVIL ENGINEERING

ABOUT SJEC

SJEC is a premier educational Institution affiliated to Visvesvaraya Technological University, Belagavi, Karnataka State and is recognized by the All India Council for Technical Education (AICTE), New Delhi. Established in 2002, the Institution offers top notch education in Engineering, Business Administration and Computer Applications at UG, PG, and Research levels. Four B.E. Programmes (ECE, EEE, ME, CSE) have received NBA accreditation for three consecutive cycles.

ABOUT THE DEPARTMENT

A vibrant Department, established in 2012, aims at contributing graduate engineers equipped for careers in the public and private sectors. The Department has got a highly qualified team of faculty members having rich experience within the academia and industry. Spacious and well equipped state-of-the-art laboratories and computing facilities are the mainstay of the Department. Frequent visits by guest faculty and professionals from the academia and industry help in sharing their valuable experience and keep students abreast with the latest advancements. The Department also offers consultancy and testing services catering the needs of the public in and around Mangaluru.

ABOUT THE FDP

Forensic engineering is the application of engineering principles to the investigation of failures or other performance problems. It therefore includes the investigation of materials, products,

RESOURCE PERSONS



Prof K S Jagadish

Professor (Retd.), Dept. of Civil Engineering, IISc, Bengaluru

An expert in Alternative Buildings, Rural Energy Systems, Sustainable Buildings etc. He has published about 120 papers and reports and has authored 5 Books out of which some have been included in the curriculum of various Universities.



Prof Prasad Kumar Bhaskaran

Professor & Head, Dept. of Ocean Engineering & Naval Architecture, IIT-Kharagpur

An expert in Ocean Modelling & Analysis, Marine Acoustics, Ocean Wave Climate Studies, Port & Harbour Engineering, Mechanics of Sediment Transport etc. He is the member in the expert panel of various boards and committees and the prominent being Prime Ministers Research Fellowship (PMRF), Central Water Commission (MoWR), Ocean Environment Panel (DRDO), Earth Sciences & Technology (MoES), Programme Advisory and Monitoring Committee (PAMC) for National Network Programme on Climate Change and Coastal Vulnerability (DST), NIOT (MoES) etc. He has authored 180 peer reviewed publications, 2 Books, 4 Book Chapters and has 4 Patents/Copyrights to his credit.

structures or components that fail or do not operate or function as intended, causing personal injury, damage to property or economic loss. It can also involve investigation of intellectual property claims, quality of materials, workmanship delivered etc.

OBJECTIVES

- ▶ Enhance knowledge in various engineering failure mechanisms and mitigation.
- ▶ Educate with the advancements in alternate materials and technologies.
- ▶ Create awareness on the legal aspects of managing failures
- ▶ Promote engineering education research in respective domains.

TOPICS OF DISCUSSION

- ▶ Concrete technology-Advances, failures and mitigation
- ▶ Forensics of failure – Case studies
- ▶ Health diagnosis of historical and critical structures & Earthquake safety
- ▶ Building alternatives for housing potentials of masonry structures
- ▶ Reliability based design method for coastal structures – Case studies
- ▶ Techno-legal aspects in Construction Industry and its Management

PARTICIPANTS

The programme is open to all interested Engineering/Diploma Faculty members, Research Scholars, Practising Engineers/Consultants and PG & UG Students.



Prof S K Sekar

Sr. Professor of Civil Engineering & Director of Estates, VIT University, Vellore

An expert in High Performance Concrete with waste materials, Heritage Buildings, Non-Destructive Evaluation of Structures and Cold Formed Steel Column Sections. He has authored more than 50 technical papers, authored 2 books and filed for 2 patents for his work.



Prof K S Babunarayan

Professor, Dept. of Civil Engineering, NITK-Surathkal

An expert in Structural Analysis and Design (RCC, PSC and Steel), Structural Optimization, Math Modelling, Unsaturated Soil Mechanics, NDT, Restoration and retrofitting of structures. He is a Visiting Professor at Kumamoto University, Japan and is a recipient of several awards and honours from prestigious professional organizations. He is a technical consultant to the Birla Super 53 grade cement and also Technical Advisor to the ACC Help Center. He has significant publications of technical papers and one of his work also has been certified by Indian Register of Shipping.

REGISTRATION DETAILS

● FEES

Practising Engineers/Consultants : ₹ 1500 + ₹270 GST
Faculty/Research Scholars : ₹ 1000 + ₹180 GST
PG / UG Students : ₹ 500 + ₹90 GST

- Applications must be sent along with the details of registration fee in the form of DD / Online Fund Transfer latest by **15 July 2019**.
- DD should be drawn in favour of “**St Joseph Engineering College**”, payable at Mangaluru.
- The account details for online fund transfer are as follows.
Account Number: 10792191000040
Name of the Account: St Joseph Engineering College
Bank: Oriental Bank of Commerce
Branch: Mangaluru
IFSC/RTGS Code: ORBC0100966
- Limited accommodation is available for which the request should be communicated before **15 July 2019** and will be provided on First Come First Serve Basis at nominal rates.
- **No TA/DA would be provided to the participants**

POINT OF COMMUNICATION

Dr Yajnheswaran B

Associate Professor
yajnheswaranb@sjec.ac.in
+91 949 748 1974

Mr Manjunath B

Assistant Professor
manjunathb@sjec.ac.in
+91 948 181 8485



Prof R Pradeep Kumar

Registrar, International Institute of Information Technology (IIIT), Hyderabad

An expert in earthquake engineering with research interests in numerical modelling of tectonic plates & faults, Non-linear structural response and damage estimation, health diagnosis of historical & critical structures, Sustainable construction technologies etc. He is a BIS panel member of IS 456 & IS 1343 (CED2), Earthquake Engineering Sectional Committee (CED39) and also a member of National Building Code of India (CED46:P16)



Mr Eugene D'Cunha

Advocate, Mangaluru

A practicing Advocate with wide expertise in Civil Law, Consumer Law and Family Law. He is also an expert consultant in techno-legal issues related to construction industry. He has nearly two and a half decade experience of teaching in various Institutions and has delivered number of lectures and speeches on various legal and humanity subjects.



St Joseph's Engineering College

Vamanjoor, Mangaluru - 575 028



Dept of Electronics and Communication Engineering

Cordially Invites you to the

**5 Days Workshop on
ADVANCED SIMULATION USING MATLAB
July 18-22, 2016
in Association with**



CoreEL Technologies, Bengaluru

**5 Days Workshop on
EMBEDDED APPLICATION DEVELOPMENT
USING ARM PROCESSOR
July 20-24, 2016**

by
**Mr Manoj Kumar M.B.
Software Engineer, Bengaluru**

**Report
on
Advanced Simulation using MATLAB**

The Five days workshop on Advanced Simulation using MATLAB was conducted by Electronics and Communication Engineering Department of St Joseph Engineering College, Mangaluru in association with CoreEL technologies Bengaluru, during 18 - 22 July 2016. There were a total of 52 participants, out of which 31 were from other colleges and 21 from the host college.

The college wise list of participant are as follows

College Name	Total number of participants
NMAMIT Nitte	8
MIT Manipal	6
MITE	6
Malnad Engineering College Hassan	4
Srinivas Institute of Technology	1
College of Engineering Thiruvananthapuram	1

The list of internal participant department wise are as follows

Department	Total number of Participants
ECE	16
CS	4
Mechanical	2
Mathematics	1

The workshop started with the inaugural function on 18 July, 2016. The chief guest of the function was Rev. Fr Rohit D'Costa. Ms Rashmi, H Coordinator hosted the inaugural function. The function started

with a prayer. Dr Savitha H.M., HOD of ECE department welcomed the gathering. Among the dignitaries were the chief guest namely Rev. Fr. Rohit D'Costa, resource persons from CoreEL technology i.e, Mr. Bargavan and Mr. Mohammed Yazeen. Rev. Fr. Rohit D'Costa spoke about the importance of learning for an academician. He asked everyone to take part in this workshop effectively and utilize the information gathered from the resource persons to the fullest. Mr Vijay Ganesh P C proposed the vote of thanks. The inaugural function ended with the college anthem.



First session of the workshop started at 10:45 by Mr. Bargavan. He started with the introduction to MATLAB by showing the default MATLAB desktop, explained few simple commands that can be used in MATLAB command prompt and introduced to the Scalar and Vector variables in MATLAB. He also demonstrated how to use sections in code so that the codes can be verified section wise.

The day 1 afternoon session started at 2:00 P.M. Mr. Bargavan introduced the MATLAB Simulink software. He also explained the benefits of model based design which is the fundamental idea for design using Simulink software. He demonstrated how to convert Celsius to Fahrenheit using mathematical equations and to build a Simulink model from it. This session paved the way for the mathematics people to use MATLAB and test their concepts. The session

ended with the resource person summarizing the usage of SIMULINK for various mathematical applications.



On day 2, i.e 19 July, 2016, the forenoon session started at 9:30 A M. Mr. Bargavan started the session with the concepts involved in Signal processing. He asked the participant to find convolution of two matrices and find the solution. He also insisted to use functions in the command prompt to find the solution rather than directly using the apps. After tea break Mr. Bargavan gave demonstration as to how to record the voice using microphone and import the stored music files to MATLAB. He demonstrated how voice processing can be done using signal processing toolbox, namely the DSP system toolbox.

During the afternoon session Mr. Bargavan took us into the communication toolbox. He demonstrated how to use simulink to test few communication system with examples.

On day 3, i.e., 20 July, 2016. The focus was mainly on control systems. Mr. Madhu Kiran started the session with simple example of modeling of a bouncing ball. He showed how to write the equation for the model and simulate using MATLAB. He also asked everyone to convert the model into transfer function and test the equation using few basic toolboxes. This explained the importance of Control system in the design. Later he showed how to model a battery and DC motor using the control system toolbox.

In Afternoon session Mr. Madhu Kiran, explained about the new tool box "SimScape". He explained its usefulness for physical design as well as showed how interdisciplinary domain modelling works. He showed how to couple an electrical circuit with the mechanical system which

helped the participants to realize a new perspective of electro-mechanical design using MATLAB Simscape.



Each and every participant appreciated this model. At the end of the day Dr Savitha H M gave memento to Mr. M.Madhu Kiran as a symbol of gratitude



Day 4, i.e., 21 July, 2016, Mr Bargavan started the Session with concepts of image processing in MATLAB. He continued the session by porting an image into Simulink and finding different parameters related to the image.

Afternoon session was taken over by Mr. Ganesh. He introduced the HDL coder toolbox. He showed how MATLAB can generate the Verilog or VHDL files by using drag and drop option in Simulink. He demonstrated how to download the design onto the Xilinx Zynq board. After the session

Dr. Bini A A gave a memento to Mr. Bargavan for conducting various sessions on MATLAB.



Ms Shama B N gave a memento to Mr. Ganesh for his session on HDL Coder toolbox.



On Day 5, Mr. Krisha Raj started the session with Optimization toolbox in MATLAB, which gave participants an insight of the optimization required in the code for embedded system and faster simulation. In afternoon session he started with the Machine Learning toolbox, which is the current trending topic for research. Later he focused on the Fuzzy logic toolbox.

The valedictory function was held on Day 5 i.e., 22 July, 2016 at 4:00pm. The chief guest of the function was our esteemed principal Dr. Joseph Gonsalvis. Ms. Rashmi H hosted the event. Dr Savitha H.M. welcomed the chief guest, resource persons from CoreEL technologies and the Participants for the valedictory function. Mr. Vijay Ganesh P.C. gave the brief summary of five days workshop. The chief guest

Dr. Joseph Gonsalvis addressed the gathering in which he expressed his happiness about the response towards the workshop from various colleges. He also thanked the resource persons for conducting the workshop. He also congratulated the department and resource persons for taking an active step in providing the information on the latest tools in MATLAB.



One of the resource person, Mr. Manojeeath gave his view about the workshop. Mr. Manojeeath appreciated the college and its work environment. Ms. Rashmi H requested the participants to give their valuable feedbacks. Few of the participants from various colleges expressed their insights and appreciated the workshop. Ms. Deepthi S.R gave vote of thanks. The function ended with the college anthem



PR

Rashmi

ST JOSEPH ENGINEERING COLLEGE

Vamanjoor, Mangaluru -575028, Karnataka, India

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FIVE DAYS WORKSHOP ON ADVANCED SIMULATION USING MATLAB JULY 18 – 22, 2016

DAY 1: Fundamentals of MATLAB & Simulink (18-07-2016)

TIME	TOPIC
9:15 AM	Registration of participants
9:30 AM	Inaugural function
10:00 AM – 10:30AM	An Introduction to CoreEL&MathWorks
10:30 AM – 10:45 AM	Tea Break
10:45AM – 11:15 AM	Understanding MathWorks Products
11:15 AM – 1:00 PM	MATLAB Programming basics, Numerical Computation, Data Analysis & visualization
1:00 PM– 2:00 PM	Lunch Break
2:00 PM– 3:00 PM	Model based design using Simulink, Introduction to mathematical & physical modelling Hands on: Design of model to generate the waveforms, implementing the mathematical equations in Simulink.
3:00 PM – 3:15PM	Tea Break
3:15 PM– 4:15 PM	Graphical user interface & App design using Simulink Hands on: Form design of GUI, programming of GUI.

DAY 2: Signal processing & communication system simulation in MATLAB (19-07-2016)

TIME	TOPIC
9:15 AM – 11:00 AM	Digital Signal Processing with MathWorks Products Hands on : Generation of signals in MATLAB & Simulink, Computation of Convolution & Correlation, Computing DCT & IDCT of signals.
11:00 AM – 11:15 AM	Tea Break
11:15 AM – 1:00 PM	Filters : Design, Analysis & implementation in MATLAB Hands on: Filter design using program and app, Visualization of filter's responce Speech & Audio processing Hands on: Importing the audio signals from hardware and files, Visualization of spectrum of audio signals, filtering the audio signals.
1:00 PM– 2:00 PM	Lunch Break
2:00 PM – 3:00 PM	Design & Simulate the physical layer of communication systems Hands on: Implementation of complete communication system.
3:00 PM – 3:15PM	Tea Break
3:15 PM – 4:30 PM	Introduction to RF toolbox

REGISTRATION FORM

FIVE DAYS WORKSHOP ON
EMBEDDED APPLICATION DEVELOPMENT USING ARM
PROCESSOR
JULY 20-24, 2016

Organized by

Department of Electronics and Communication Engineering
St Joseph Engineering College, Mangaluru

Name:

Branch:

Sem:

Name of the Institution:

Address:

Mobile/Telephone:

email-id:

Details of enclosed DD/NEFT:

Accommodation Required: (Yes/No)

Place:

Date:

Signature of the Applicant

Ms/Ms _____ is a student
of our institution and is permitted to attend the workshop

Place:

Date:

Signature of the Head of the institution with seal



CHIEF PATRON

Most Rev. Dr. Aluypius Paul D'Souza
Bishop of Mangaluru
Founder & President of SJEC

PATRONS

Rev. Fr Joseph Lobo, Director, SJEC
Rev. Fr Rohith D'Costa, Asst Director, SJEC

CHIEF ADVISORS

Dr Joseph Gonsalvis, Principal, SJEC
Dr Rio D'Souza, Vice-Principal, SJEC
Dr Sawitha H M, HOD, Dept of E&C Engg. SJEC

COORDINATOR

Ms Narendini Manimayana, Asst Professor

ORGANISING COMMITTEE

Ms Aarys Shri, Asst Professor
Ms Jayalakshmi, Asst Professor

Ms Eden Rose Fernandes, IV Semester B E (ECE)
Mr David John Saldanha, IV Semester B E (ECE)
Mr Shradha C H, IV Semester B E (ECE)
Mr Rakshith Kumar M B, IV Semester B E (ECE)



ST JOSEPH ENGINEERING COLLEGE
Vamanjoor, Mangaluru-575028,
Karnataka, India

FIVE DAYS WORKSHOP
ON
EMBEDDED APPLICATION
DEVELOPMENT USING ARM
PROCESSOR
JULY 20-24, 2016



Organized by
Department of Electronics and
Communication Engineering

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ABOUT THE ECE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 2002. With the effort of well qualified faculty and best infrastructure, the Department has grown from strength to strength in the last decade. Currently the student intake is 120 at the UG Level and 18 at the PG Level. The Department maintains a constant dialogue with alumni to meet the industry requirements. Also, the Department holds guest lectures both in Engineering and Management, by the industry experts. The Department encourages students to present papers in seminars, workshops, participate in quiz and other technical activities. All the laboratories of the department are accessible to students for regular projects and to try out ideas leading to entrepreneurship development.

ABOUT THE RESOURCE PERSON

Mr MANOJ KUMAR M B
Software Engineer, Bengaluru

Mr Manoj Kumar M B has completed B.Tech. in Electronics and Communication Engineering and M.Tech. in VLSI & Embedded Systems. He has more than 2 years of experience in Training and Competency Development. He has worked as Assistant Professor at CMRIT Bengaluru and as Software Engineer in Cranes Software Ltd, Bengaluru. Currently he is working as Senior Embedded Software Engineer at a leading Automotive Company. He has published a book "Some Research on NETWORK SIMULATOR". He has trained more than 875 candidates in field of ARM Processor, RTOS and VLSI Systems.

ABOUT THE WORKSHOP

The five days workshop mainly focuses on industry standard 32 bit ARM Microcontrollers using Embedded C Programming. This workshop includes interfacing of internal peripherals such as Timers, Interrupts, ADC, WDT, RTC and UART with Microcontrollers. This workshop also consists of designing and creating application using Keil uVision Software, interfacing of external peripheral such as LED, Switch, Buzzer, LCD, Keyboard, etc. to the Microcontrollers

WORKSHOP CONTENTS

Introduction to Embedded System - Introduction, ESDLC, Microcontroller vs Microprocessor, RISC vs CISC, Von-Neuman vs Hardware Architecture, Pipelining and Cross Compilation.

ARM Architecture - ARM7 Block Diagram, Pin Description of LPC2148, Operating Modes and States.

Keil uVision and Flash Magic - Introduction to Keil uVision4, Compilation, Debugging and Flash Magic.

GPIO - Introduction to GPIO, Register Description, Interfacing of LED, Switch, Buzzer, LCD, Keyboard and Applications.

Timers/Counters - Working of Timer, Resolution Delay Calculation, Capturing of Time and Applications.

Interrupts - Need for Interrupts, Timer interrupt, Assigning Priorities, External Interrupts, Timer interrupt, Case Study and Applications.

Analog to Digital Converter - Introduction to ADC, Resolution, Types, Software Controlled, Burst Mode Conversion Interfacing, Temperature and Potentiometer Sensors and ADC Applications.

RTC - Introduction to RTC, Register Description, Design of Digital Clock Calendar, Alarms and Snoozing.

WDT - Introduction, Register Description and Applications.

UART - Communication Protocols, Baud Rate Calculation, Interfacing of MC and PC, Register Description and Applications.

Project - Embedded Projects, Project Requirement Analysis, Creative Ideas, Design Contest and Project Evaluation.

WORKSHOP MAINLY FOCUSES ON HANDS-ON TRAINING.

ELIGIBILITY

Students of ECE/TC/EEE/CS can register.

Participants are required to have basic knowledge of Logic Design, Microcontroller and C Programming

REGISTRATION DETAILS

Selection of participants is based on first come first serve basis. Application must be sent along with registration fee of Rs 2000 in the form of DD/NEFT.

DD should be drawn in favour of St Joseph Engineering College, payable at Mangaluru

NEFT Details

Name of the Account: St Joseph Engineering College
Bank Account Number: 10792191000040
Type of Bank Account: Saving Bank Account
Bank: Oriental Bank of Commerce
Branch: Vamanjoor Branch, Mangaluru-575028
IFSC/RTGS Code: ORBC0100966

IMPORTANT DATES

Last day for registration : June 30, 2018
Notification of acceptance : July 5, 2018

ACCOMMODATION

Accommodation can be arranged in the college campus based on availability of the rooms and also first come first serve basis with a nominal fee of Rs 500 per candidate per day.

NOTE
NO TA/DA WOULD BE PROVIDED TO THE PARTICIPANTS

ADDRESS FOR COMMUNICATION

Ms Nandini Manjunayana
+9198866101789

Department of E&C Engg
St Joseph Engineering College
Vamanjoor, Mangaluru - 575028
email: embARM2016@gmail.com
For further details visit our website
www.sjec.ac.in

ST JOSEPH ENGINEERING COLLEGE

Vamanjoor, Mangaluru -575028, Karnataka, India

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Tentative Schedule of Five Days Workshop on Embedded Application Development using ARM Processor

JULY 20 – 24, 2016

Day 1: July 20, 2016

TIME	PROGRAM
9:00 AM	Registration of participants
9:30 AM	Inaugural Function
10:00 AM – 10:30AM	Introduction to Embedded System ,ESDLC, Microcontroller vs Microprocessor and RISC vs CISC
10:30 AM – 11:00 AM	Tea Break
11:00AM – 1:00 PM	Von-Nueman vs Hardward Architecture, Pipelining, Cross Compilation ARM Architecture, Operation Modes, States and Pin description Of LPC2148.
1:00 PM– 2:00 PM	Lunch Break
2:00 PM– 3:00 PM	Introduction to Keil uVision4, Flash Magic, Compilation and Debugging
3:00 PM – 3:15PM	Tea Break
3:15 PM– 4:30 PM	Introduction to GPIO, LPC2148, Register Description, Interfacing of LED, Switch and Buzzer

Day 2: July 21, 2016

TIME	PROGRAM
9:15 AM – 11:00 AM	Interfacing of Keypad and LCD
11:00 AM – 11:15 AM	Tea Break
11:15 AM – 1:00 PM	Developing small application using GPIO
1:00 PM– 2:00 PM	Lunch Break
2:00 PM – 3:00 PM	Introduction to Timer, Resolution and Delay Calculation
3:00 PM – 3:15PM	Tea Break
3:15 PM – 4:30 PM	Capturing of Time, Counter operation and Application Development using Timer

Day 3: July 22, 2016

TIME	PROGRAM
9:15 AM – 11:00 AM	Interrupts , Types of Interrupts, Assigning Priorities to Interrupts, External interrupts, Timer Interrupt
11:00 AM – 11:15 AM	Tea Break
11:15 AM – 1:00 PM	Case Study and Application Development using Interrupt
1:00 PM– 2:00 PM	Lunch Break
2:00 PM – 3:00 PM	Introduction to ADC, Resolution of ADC, Types of ADC and Software Controlled Mode Conversion
3:00 PM – 3:15PM	Tea Break
3:15 PM – 4:30 PM	Burst Mode Conversion, Interfacing Temperature Sensor, Potentiometer Sensors and Application Development using ADC

Day 4: July 23, 2016

TIME	PROGRAM
9:15 AM – 11:00 AM	Introduction to RTC, Register Description. Design of Digital Clock and Calendar using RTC
11:00 AM – 11:15 AM	Tea Break
11:15 AM – 1:00 PM	Design of Alarm with snooze Introduction to WDT and Register Description
1:00 PM – 2:00 PM	Lunch Break
2:00 PM – 3:00 PM	Application Development using WDT and Introduction to Communication Protocols
3:00 PM – 3:15PM	Tea Break
3:15 PM – 4:30 PM	Introduction to UART, Baud Rate Calculation, Interfacing of MC and PC Register Description and Application Development using UART

Day 5: July 24, 2016

TIME	PROGRAM
9:15 AM – 11:00 AM	Introduction to Embedded Projects, Project Requirement Analysis and Creative Ideas
11:00 AM – 11:15 AM	Tea Break
11:15 AM – 1:00 PM	Design Contest
1:00 PM – 2:00 PM	Lunch Break
2:00 PM – 3:00 PM	Project Evaluation
3:00 PM – 3:15PM	Tea Break
3:15 PM – 4:15 PM	Appreciation of Good Project
4:15 PM	Valedictory Function



Report On Embedded Application Development using ARM Processor Workshop

Department of Electronics and Communication Engineering conducted five days hands-on workshop on “Embedded Application Development using ARM Processor” during 20-24 July 2016, at St Joseph Engineering College, Mangaluru with an objective of training students and faculty members of Electronics and Communication Engineering. The content of this workshop was focused on the Industry Standard 32-bit ARM Microcontroller using Embedded C. The workshop was attended by 7 faculty members and 30 students from Institutions across Mangaluru region.

The list of participants along with their institution is given below

College Name	Number of Participants
Canara Engineering College	3
MITE, Modabri	7
SJEC	27

On July 20, 2016

Workshop started with Registration Process followed by formal inaugural program at VLSI LAB, ECE Department. Rev. Fr Joseph Lobo, Director - SJEC was the chief guest for inaugural ceremony. Dr Joesph Gonsalvis, Principal - SJEC, Dr Savitha H M, HOD, Department of ECE and Mr Manoj Kumar M B, Software Engineer, Bengaluru were present in the inaugural. The Inaugural began with a prayer song, followed by welcome speech by Dr Savitha H M. Inaugural is anchored by third year student Eden Rose Fernandes, ECE Department and she introduced the resource person to the gathering. The chief guest Rev. Fr Joseph Lobo and Dr Joesph Gonsalvis in their address inspired the participants to learn new technology. Ms Shradha C H third year student ECE Department proposed the vote of thanks and program concluded with College Anthem.



ST JOSEPH ENGINEERING COLLEGE, MANGALURU-575028
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Day-1 July 20, 2016

Session started with interactive session on Embedded System, Microcontroller, Microprocessor RISC, CISC, Von-Neumann, Harward Architecture, Cross Complication, ARM Architecture, LPC2148 and GPIO

Day-2 July 21, 2016

Session consisted of hands on Keil uVision4, Flash Magic, Compilation, and Debugging, interfacing of LED, Switch, Buzzer and Application development using GPIO.



Day-3 July 22, 2016

Timer, Resolution and Delay Calculation, Capturing of Time, Counter Operation, Application Development using Timer Design of Alarm with snooze and Interfacing Temperature Sensor.



ST JOSEPH ENGINEERING COLLEGE, MANGALURU-575028
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Day-4 July 23, 2016

Morning session began with Interrupts, Types of Interrupts, Interrupt Priority and Application development using Interrupts. Afternoon session included ADC, Types of ADC and Software Controlled and Burst Mode Conversion and Application Development.

Day-5 July 24, 2016

Session started with ARM Architecture, UART, Baud Rate Calculation, Interfacing of MC and PC Register Description and Application Development using UART. Feedback were taken at the end session, during which all participants, expressed their satisfaction at the knoweldge and learning that they received over the five days of training from Mr Manoj Kumar

The Validictory program was held at 4:30 P M. The program began with a prayer song; followed by welcome speech by Dr Savitha H M. Valedictory was anchored by third year student Ms Vaishnavi Devi, ECE Department. The chief guest Rev. Fr Rohit D'costa felicitated Mr Manoj Kumar with a memento. Ms Nandini Maninarayana, coordinator gave short report on workshop. Students gave their feedback on the workshop and it was well appreciated. The workshop ended with a certificate distribution by Rev. Fr. Rohit D'costa, Dr Savitha H M and Mr Manoj Kumar and Vote of thanks was delivered by Chethan Pinto, third year student, ECE Department.

Coordinator

Nandini
Nandini Maninarayana, Asst Professor

Organizing Committee

Ms Aaraya Shri, Asst Professor

Ms Jayalakshmi, Asst Professor

Ms Eden Rose Fernandes V Semester B E (ECE)

Ms Shradha C H V Semester B E (ECE)



**ST JOSEPH ENGINEERING COLLEGE
MANGALURU, KARNATAKA**

**Department of Electronics and Communication
Engineering**



*Cordially invites you to the
Inaugural Function
of*

**Two Days Workshop on
“VIRTUAL LABORATORY”**

Dr Pruthviraj U
Assistant Professor
Department of Applied Mechanics and Hydraulics
NITK, Surathkal

Will be the Chief Guest

Dr Joseph Gonsalvis
Principal, SJEC, Mangaluru

Will preside over the function

Date: Monday, 09 January 2017, at 9:30 am
Venue: DSP Lab
Academic Block I
4th Floor, Room No. 1412

Ms Chaitra U R
Coordinator

Dr Savitha H M
HOD, ECE Dept

&

Staff of the Department of Electronics and Communication Engineering

SCHEDULE

DAY 1:

9:30 AM -9:50 AM	Inauguration
9:55 AM - 11:00 AM	Demonstration of Aerial Vehicles at SJEC Ground by Dr. Pruthviraj U & Team
11:00AM – 11:15 AM	Tea Break
11:15AM – 1:00 PM	Application of Virtual Lab by Dr. Pruthviraj U
1:00 PM – 2:00 PM	Lunch
2:00 PM – 3:15 PM	Application of Virtual Lab by Dr. Gangadharan K V
3:15 PM – 3:30 PM	Tea Break
3:30 PM – 5:00 PM	Application of Virtual Lab by Dr. Gangadharan K V

DAY 2:

9:30 AM -11:00 AM	Fundamentals of Computer Networking using Virtual Labs by Dr. Mohit P Tahiliani
11:00AM – 11:15 AM	Tea Break
11:15AM – 12:30 PM	Fundamentals of Computer Networking using Virtual Labs by Dr. Mohit P Tahiliani
12:30 PM – 1:00 PM	Valedictory Function
1:00 PM – 2:00 PM	Lunch
2:00 PM – 4:00 PM	Visit to NITK Virtual Lab Facility



ST JOSEPH ENGINEERING COLLEGE
MANGALURU, KARNATAKA
Department of Electronics and Communication
Engineering



*Cordially invites you to the
Valedictory Function
of*

**Two Days Workshop on
“VIRTUAL LABORATORY”**

Dr. Mohit P. Tahiliani
Assistant Professor
Department of Computer Science and Engineering
NITK, Surathkal

Will be the Chief Guest

Rev Fr Rohith D'costa
Asst. Director, SJEC, Mangaluru

Will preside over the function

Date: Tuesday, 10 January 2017, at 12:30pm
Venue: DSP Lab
Academic Block I
4th Floor, Room No. 1412

Ms Chaitra U R
Coordinator

Dr Savitha H M
HOD, ECE Dept

&
Staff of the Department of Electronics and Communication Engineering

REGISTRATION FORM

TWO DAYS WORKSHOP ON
VIRTUAL LABORATORY
9TH AND 10TH JANUARY, 2017

Organized by:

Department of Electronics and Communication Engineering
St Joseph Engineering College, Mangaluru

Name:

Designation:

Department:

Institution:

Address:

Field of Specialisation:

Mobile/Telephone:

e-mail-Id:

Details of enclosed DD/NEFT:

Accommodation Required: (Yes/No)

Place:

Date:

Signature of the Applicant

Dr/Mr/Ms _____ is an employee
of our institution and is permitted to attend the workshop

Place:

Date:

Signature of Head of the institution with seal



CHIEF PATRON

Most Rev. Dr Aloysius Paul D'Souza
Bishop of Mangaluru
Founder & President of SJEC

PATRONS

Rev. Fr Joseph Lobo, Director, SJEC
Rev. Fr Rohith D'Costa, Asst Director, SJEC

CHIEF ADVISORS

Dr Joseph Gonsalvis, Principal, SJEC
Dr Rio D'Souza, Vice-Principal, SJEC

CONVENER

Dr Savitha H M, HOD, Dept of E&C Engg,

COORDINATOR

Ms Chaitra U R, Asst Professor

ORGANISING COMMITTEE

Mr Mahesha Y, Asst Professor
Ms Sadhika Shetty, Asst Professor



ST JOSEPH ENGINEERING COLLEGE
Vamanjoor, Mangaluru-575028, Karnataka, India

TWO DAYS WORKSHOP
ON
VIRTUAL LABORATORY
9TH AND 10TH JANUARY, 2017



Organized by:

Department of Electronics and
Communication Engineering

ABOUT THE INSTITUTION

SJET is affiliated to Visvesvaraya Technological University, Belagavi, Karnataka State and is recognized by the All India Council for Technical Education (AICTE), New Delhi. Established in 2002, the College offers top class education in Engineering, Business Administration and Computer Applications at UG, PG and Research levels. It has well qualified staff, state of the art laboratories with all facilities. Presently about 2500 students are studying in the College. The College provides scope for a wide variety of co-curricular and extra-curricular activities which give a head-start to students, developing their personality and imparting skills of decision-making and leadership. Placement Department assists students to secure good jobs.

ABOUT THE ECE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 2002. With the effort of well qualified faculty and best infrastructure, the Department has grown from strength to strength in the last 14 years. Currently the student intake is 120 at the UG level and 18 at the PG level. The Department hosts guest lectures and workshops by the industry experts and alumni to meet the industry requirements. The Department encourages students to participate in paper presentations, quiz, workshops and other technical activities. All the laboratories of the department are accessible to students for regular projects and to try out ideas leading to entrepreneurship development.

ABOUT THE VIRTUAL LABORATORY

Physical distances and the lack of resources make us unable to perform experiments, especially when they involve sophisticated instruments. Also, good teachers are always a scarce resource. Web-based and video-based courses address the issue of teaching to some extent. Also, in a country such as ours, costly instruments and equipment need to be shared with fellow researchers to the extent possible. Web enabled experiments can be designed for remote operation and viewing so as to enthrust the curiosity and innovation into students. This would help in learning basic and advanced concepts through remote experimentation. Today most equipment has a computer interface for control and data storage.

The key concept behind the Virtual Lab is to provide remote access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars. It would also enthrust students to conduct experiments by arousing their curiosity. This would help them in learning basic and advanced concepts through remote

operation. It provides a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation and share costly equipment and resources.

ABOUT THE RESOURCE PERSON

Prof. Gangadharan K V
Professor & HOD
Department of Mechanical Engineering,
NITK, Surathkal.

Dr Pruthviraj U
Assistant Professor
Department of Applied Mechanics and Hydraulics
NITK, Surathkal

Dr. Mohit P. Tahiliani
Assistant Professor
Department of Computer Science and Engineering
NITK, Surathkal

ABOUT THE WORK SHOP

The two days workshop mainly focuses on providing an overview of usage and applications of Virtual Lab in various disciplines of Science and Engineering

WORKSHOP CONTENTS

Day 1:

Session 1:

Demonstration on Virtual Lab & Application of Virtual Lab
Resource Person: Dr Pruthviraj U

Session 2:

Application of Virtual Lab
Resource Person: Prof. Gangadharan K V

Day 2:

Session 3:

Fundamentals of Computer Networking using Virtual Labs
Resource Person: Dr Mohit P. Tahiliani

Session 4:

Visit to Virtual Lab Facility at NITK, Surathkal

ELIGIBILITY

Faculty of ECE/TC/EEE/CS can register

REGISTRATION DETAILS

Registration Fee: Rs 1000/-

DD should be drawn in favour of St Joseph Engineering College, payable at Mangaluru

NEFT Details

Name of the Account: St Joseph Engineering College
Bank Account Number: 10792191000040
Type of Bank Account: Saving Bank Account
Bank: Oriental Bank of Commerce
Branch: Vamanjoor Branch, Mangaluru-575028
IFSC/RTGS Code: OR8C0100966

Note: Spot Registrations are also available based on availability of seats.

ACCOMMODATION

Accommodation can be arranged in the college campus based on availability of the rooms and also on first come first serve basis with a nominal charge of Rs 500 per candidate per day.

NOTE

NO TA/DA WOULD BE PROVIDED TO THE PARTICIPANTS.

ADDRESS FOR COMMUNICATION

Ms Chaitra U R
+919845653550
chaitra@sjec.ac.in
Coordinator
Department of E&C Engg
St Joseph Engineering College
Vamanjoor, Mangaluru - 575028
For further details visit our website
www.sjec.ac.in



Report
Workshop on virtual laboratory
January 9-10, 2017

Inauguration of two days workshop on virtual laboratory conducted by the ECE department was held on Jan 9, 2017 at 9.30 AM in the DSP lab. Dr Pruthviraj U, Assistant Professor, Department of Applied Mechanics & Hydraulics, NITK Surathkal, was the Chief Guest. There were 34 internal participants.



Session 1

9/1/2017 Morning

A demonstration on aerial vehicles was held at the college playground. Two models were demonstrated by Dr Pruthviraj and his team consisting of Mr Aquib A Nadaf, Mr Sourabh Kamath and Mr Sanketh J who are B.Tech students at NITK. One of the models shown had a camera attached to it through which they demonstrated how a picture or a video could be captured. Mr Sourabh Kamath demonstrated his project which was based on controlling robots through brain signals.

After the demonstration there was a session on "Introduction to Virtual Laboratory" by Dr Pruthviraj wherein he explained the use of virtual lab in the reconstruction of heritage places,

conservation of wildlife, surveying of lands etc. He also gave an insight about the remote triggered lab. It was interesting to know that open source software was used in almost all the projects.



Session 2

9/1/2017 Afternoon

Dr Gangadharan K V, Professor & Head, Department of Mechanical Engineering, NITK Surathkal was the speaker for this session. He highlighted about experimental learning and how branchless engineering can be used for developing useful projects. He also briefed about virtual lab and remote triggered lab.



Session 3

10/1/2017 Morning

Dr Mohit P Tahiliani, Assistant Professor, Department of Computer Science & Engineering, NITK Surathkal, was the speaker for the session. He spoke about "Open source wireless network Experimentation" in which he highlighted upon the need for Virtual Lab. He explained about ns-2, ns-3 and other network simulators. There was also a brief hands-on session on ns-2. He also introduced the participants to two useful remote triggered wireless labs i.e., ORBIT (Open-Access Research Testbed for Next-Generation Wireless Networks) and PhantomNet Mobile Networking Testbed.

The session ended with the valedictory function which was presided over by Rev. Fr Rohit D'Costa, Assistant Director, SJEC, and the Chief Guest for the function was Dr Mohit P Tahiliani. Certificates were distributed to the participants.



Session 4

10/1/2017 Afternoon

In this session the participants visited the Virtual Lab facility at NITK, Surathkal. Experiments in the virtual lab were explained and demonstrated by the research scholars of the lab. The concept behind 3-D printing was also explained.

Overall the workshop was useful to the faculty members as it gave an insight to the kind of projects and simulations that could be carried out having societal applications.

Coordinator

Ms Chaitra U R, Assistant Professor

Organizing Committee Members

Mr Mahesha Y, Assistant Professor

Ms Sadhika Shetty, Assistant Professor

Chaitra U. R.



Department of Electronics & Communication Engineering
(UG Programme Accredited by National Board of Accreditation, New Delhi)
St. Joseph Engineering College, Mangaluru- 575 028

13-01-2018

INTRADEPARTMENTAL COMMUNICATION

To,
Teaching and Non-Teaching faculty members
ECE Department

Two days workshop on "ARM CORTEX M3 EMBEDDED CONTROLLER" is scheduled during January 18-19, 2018 in DSP Lab. All staffs are requested to attend the workshop. Certificates will be issued only to those who attend all the sessions.

Dayakshini
13/01/2018

Ms Dayakshini
HOD-ECE Dept

**ST JOSEPH ENGINEERING COLLEGE
VAMANJOOR**

Department of Electronics and Communication
Engineering
(UG Programme Accredited by NBA, New Delhi)

Is conducting

2 Day workshop on

**ARM CORTEX M3 EMBEDDED
CONTROLLER**

For

Teaching and Non-Teaching staffs of ECE department

Date: January 18-19, 2018

Venue: DSP Lab

**Resource Persons: Mr Harish Nadig (CEO, Vasundhara Technologies)
Mr Shrinivas**

**Ms Avila Priya Pinto
Coordinator**

**Ms Dayakshini
HOD, ECE Dept**

To all faculty members
Done
13/01/2018



Workshop on
ARM CORTEX M3 EMBEDDED CONTROLLER
January 18-19, 2018

Report

Department of Electronics & Communication Engineering organized 2 day workshop on “ARM CORTEX M3 EMBEDDED CONTROLLER” in association with “Vasundhara Technologies”, Bengaluru. The resource persons were Mr Harish Nadig, CEO Vasundhara Technologies & Mr Jagadeesh, Technical Support Engineer. The workshop mainly concentrated on the newly introduced Embedded Controller laboratory for 6th SEM ECE students.

Day 1:

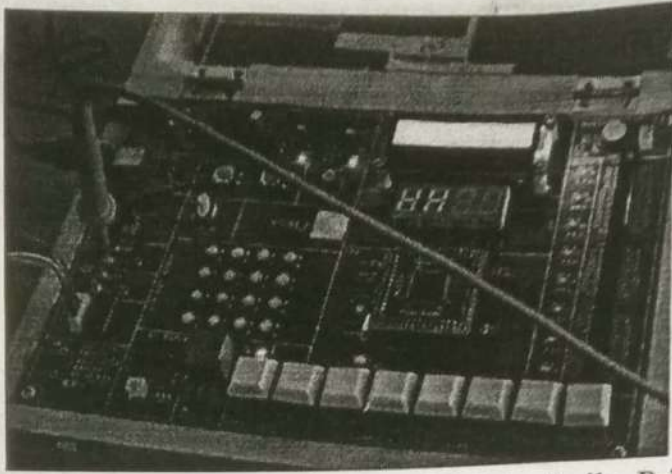
The workshop started at 10:00 AM with Ms Avila Priya Pinto Coordinator welcoming the resource persons and introducing them to the participants.



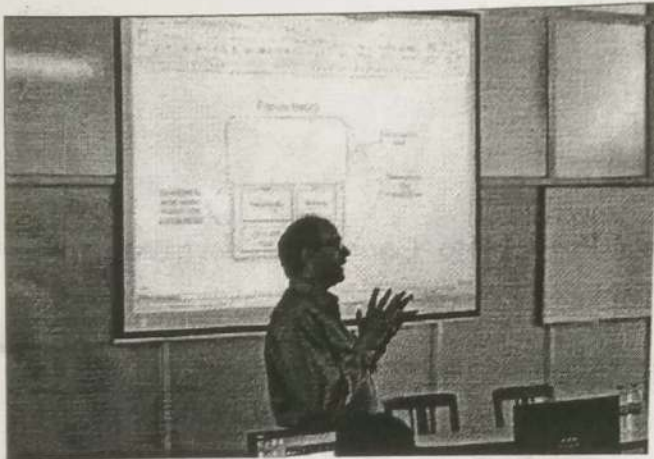
The session started with introduction to ARM architecture, instruction set, operations, registers, applications followed by embedded programming. The resource person highlighted some of the major instruction formats used in the embedded C programming.

Day 2:

The session started with the explanation of some simple programs using Embedded C language. Participants were introduced to the lab experiments and hands on session was conducted for the experiments like LED Relay Buzzer, Stepper motor, DC motor, generation of waveforms using DAC, keyboard ,LCD Display, ADC,PWM and UART etc.



The workshop concluded with Ms Avila Priya Pinto thanking the resource persons and the participants. Ms Dayakshini, HOD, Department of ECE handed over the mementoes & letter of appreciation to the resource persons.



The workshop was conducted for the internal faculty and lab instructors of the ECE department. 30 participants attended the workshop.

Coordinator : Ms Avila Priya Pinto *AP Pinto* 23/01/12.
Co-coordinator: Mr Gandhimathinathan *Gandhimathinathan* 23/01/14
Co-coordinator: Ms Deepthi S R *Deepthi S R* 23/01/2014.



ST JOSEPH ENGINEERING COLLEGE, MANGALURU-575028
Department of Electronics and Communication Engineering
(UG Programme accredited by National board of accreditation, New Delhi)

Programme Schedule
of
FDP on “Recent Trends in Medical Image Processing using Wavelet Transforms”

Day/ Date	09:30-11:00	11.00-11.15	11.15 -1.00	1.00-2.00	2.00-3.15	3.15-3.30	3.30-5.00
Tuesday 1-01-2019	Inauguration	Tea/ Coffee Break	Fundamentals of Image Processing	Lunch Break	Spatial and Frequency Domain Filters	Tea/ Coffee Break	Hands on experience on IP Tool Box
Wednesday 2-01-2019	Wavelet Fundamentals- I		Wavelet Fundamentals- II		Wavelet Applications		Implementation of 2-band Wavelet
Thursday 3-01-2019	Tree Structured and Wavelet Packet		M-Channel and Rotated Wavelet		Application of Wavelet in Retinal Image Analysis		Implementation of M-band Wavelet
Friday 4-01-2019	Dual Tree Complex and Rotated Complex Wavelet		Gabor Wavelet/ CBIR		Application of Wavelet in CBIR		Implementation of Gabor Wavelet
Saturday 5-01-2019	Ridgelet and Curvelet/ Application of Wavelet in Iris Recognition		Why and How Research? How to write Best Research Paper Valedictory				



ST JOSEPH ENGINEERING COLLEGE, MANGALURU-575028
Department of Electronics and Communication Engineering
Programme accredited by National board of accreditation, New Delhi)

List of External participants of FDP on "Recent Trends in Medical Image Processing using Wavelet Transforms" held during 1st to 5th January 2019.

Sl. No.	NAME	Mobile	Institute/ College	Signature
1	Ms Neelamshobha Nirala	6232089917	NIT - Raipur	
2	Ms Ashwini Dasare	8884236606	Jyothi Institute of Technology, Bengaluru	
3	Ms Farida H T	9844365422	UBDTCE, VTU Davangere	
4	Dr H C Sateeshkumar	9986633223 hcsateesh@gmail.com	Sai Vidhya Institute of Technology, Bengaluru	
5	Ms Beena Ullal Mata B N Ms Beena Ullal Mata B N	9448972072 bnb.ml@bmsce.ac.in	BMS college of Engineering, Bengaluru	
6	Ms Vandana Akshath Raj	9743295760 vanadanakadekar@gmail.com	A. J. Institute of Engineering & Technology, Mangaluru	
7	Ms Litti Mol Mathew	9008771326 littimol_ece@pace.edu.in	P A College of Engineering, Mangaluru	
8	Mr Tenson Jose	9449963946 tenson_ece@pace.edu.in	P A College of Engineering, Mangaluru	

Dr Sandhya Dass
Convener

Dr Dayakshini
HOD, ECE Dept.



ST JOSEPH ENGINEERING COLLEGE, MANGALURU-575028
Department of Electronics and Communication Engineering
(Programme accredited by National board of accreditation, New Delhi)

List of Internal participants of FDP on "Recent Trends in Medical Image Processing using Wavelet Transforms" held during 1st to 5th January 2019.

Sl. No.	NAME	Institute/ College	Branch	Signature
1 ✓	Ms Sujatha H M	SJEC, Mangaluru	CSE	
2 ✓	Dr Rachana P	SJEC, Mangaluru	CSE	
3 ✓	Dr Savitha H M	SJEC, Mangaluru	ECE	
4 ✓	Dr Dayakshini	SJEC, Mangaluru	ECE	
5 ✓	Dr Sandhya Dass	SJEC, Mangaluru	ECE	
6 ✓	Ms Nandini Maninarayan	SJEC, Mangaluru	ECE	
7 ✓	Ms Vijayalaxmi H M	SJEC, Mangaluru	ECE	
8 ✓	Ms Reshma K J	SJEC, Mangaluru	ECE	
9 ✓	Ms Preetha D'Souza	SJEC, Mangaluru	ECE	
10 ✓	Ms Rashmi H	SJEC, Mangaluru	ECE	
11	Ms Chaitra U R	SJEC, Mangaluru	ECE	
12 ✓	Ms Deepthi S R	SJEC, Mangaluru	ECE	
13	Mr Anoop C V	SJEC, Mangaluru	ECE	
14 ✓	Ms Jayalakshmi K P	SJEC, Mangaluru	ECE	
15	Mr Mahesh Y	SJEC, Mangaluru	ECE	
16	Ms Sadhika Shetty	SJEC, Mangaluru	ECE	
17	Mr Uday J	SJEC, Mangaluru	ECE	

18 Mr Prasad. S M " - "

Joyline Teena Lasrado

Dr Sandhya Dass
Convener

Dr Dayakshini
HOD, ECE Dept.



ST JOSEPH ENGINEERING COLLEGE, MANGALURU-575028
Department of Electronics and Communication Engineering
Programme accredited by National board of accreditation, New Delhi)

FDP on "Recent Trends in Medical Image Processing using Wavelet Transforms"

Attendance Day-1

Date: 01-01-2019

Sl. No.	NAME	Morning Session		Afternoon Session	
		Session-1	Session-2	Session-3	Session-4
1	Ms Neelamshobha Nirala				
2	Ms Ashwini Dasare				
3	Ms Farida H T				
4	Dr H C Satheeshkumar				
5	Ms BeenaUllal Mata B N				
6	Ms Vandana Akshatha Raj	* LIC Visit at AJ Institute.			
7	Ms LittiMol Mathew				
8	Mr Tenson Jose				
9	Ms Sujatha M M				
10	Dr Rachana P				
11	Dr Savitha H M				
12	Dr Dayakshini				
13	Dr Sandhya Dass				
14	Ms Nandini Maninarayana				
15	Ms Vijayalaxmi H M				
16	Ms Reshma K J				
17	Ms Preetha D'Souza				
18	Ms Rashmi H				
19	Ms Chaitra U R				
20	Ms Deepthi S R				
21	Mr Anoop C V				
22	Ms Jayalakshmi K P				
23	Ms Mahesh Y				
24	Ms Sadhika Shetty				
25	Mr Uday J				

26. Mr. Prasad .S.M

Ms. Joyline Lasrado
 Dr Sandhya Dass
 Convener

Dr Dayakshini
 HOD, ECE Dept.

FDP on "Recent Trends in Medical Image Processing using Wavelet Transforms"

Attendance Day-2

Date: 02-01-2019

Sl. No.	NAME	Morning Session		Afternoon Session	
		Session-1	Session-2	Session-3	Session-4
1	Ms Neelamshobha Nirala				
2	Ms Ashwini Dasare				
3	Ms Farida H T				
4	Dr H C Sateesh kumar				
5	Ms Beena Ullala Mata B N				
6	Ms Vandana Akshath Raj				
7	Ms LittiMol Mathew				
8	Mr Tenson Jose				
9	Ms Sujatha M M				
10	Dr Rachana P				
11	Dr Savitha H M				
12	Dr Dayakshini				
13	Dr Sandhya Dass				
14	Ms Nandini Maninarayana				
15	Ms Vijayalaxmi H M				
16	Ms Reshma K J				
17	Ms Preetha D'Souza				
18	Ms Rashmi H				
19	Ms Chaitra U R				
20	Ms Deepthi S R				
21	Mr Anoop C V				
22	Ms Jayalakshmi K P				
23	Mr Mahesh Y				
24	Ms Sadhika Shetty				
25	Mr Uday J				
26	Mr Prasad S M				
27	Ms Joyline Teena Lasrado				

Dr Sandhya Dass
Convener

Dr Dayakshini
HOD, ECE Dept.

FDP on "Recent Trends in Medical Image Processing using Wavelet Transforms"

Attendance Day-3

Date: 03-01-2019

Sl. No.	NAME	Morning Session		Afternoon Session	
		Session-1	Session-2	Session-3	Session-4
1	Ms Neelamshobha Nirala				
2	Ms Ashwini Dasare				
3	Ms Farida H T				
4	Dr H C Sateesh Kumar				
5	Ms Beena Ullala Mata B N				
6	Ms Vandana Akshatha Raj				
7	Ms LittiMol Mathew	Present	Present	Present	Present
8	Mr Tenson Jose				
9	Ms Sujatha M				
10	Dr Rachana P				
11	Dr Savitha H M				
12	Dr Dayakshini				
13	Dr Sandhya Dass				
14	Ms Nandini Maninarayana				
15	Ms Vijayalaxmi H M				
16	Ms Reshma K J				
17	Ms Preetha D'Souza				
18	Ms Rashmi H				
19	Ms Chaitra U R				
20	Ms Deepthi S R				
21	Mr Anoop C V				
22	Ms Jayalakshmi K P				
23	Mr Mahesh Y				
24	Ms Sadhika Shetty				
25	Mr Uday J				
26	Mr Prasad S M				
27	Ms Joyline Teena Lasrado				

Dr Sandhya Dass
Convener

Dr Dayakshini
HOD, ECE Dept.

FDP on "Recent Trends in Medical Image Processing using Wavelet Transforms"

Attendance Day-4

Date: 04-01-2019

Sl. No.	NAME	Morning Session		Afternoon Session	
		Session-1	Session-2	Session-3	Session-4
1	Ms Neelamshobha Nirala				
2	Ms Ashwini Dasare				
3	Ms Farida H T				
4	Dr H C Sateesh Kumar				
5	Ms Beena Ullala Mata B N				
6	Ms Vandana Akshatha Raj				
7	Ms LittiMol Mathew			Present	Present
8	Mr Tenson Jose				
9	Ms Sujatha M				
10	Dr Rachana P				
11	Dr Savitha H M				
12	Dr Dayakshini				
13	Dr Sandhya Dass				
14	Ms Nandini Maninarayana				
15	Ms Vijayalaxmi H M				
16	Ms Reshma K J				
17	Ms Preetha D'Souza				
18	Ms Rashmi H				
19	Ms Chaitra U R				
20	Ms Deepthi S R				
21	Mr Anoop C V				
22	Ms Jayalakshmi K P				
23	Mr Mahesh Y Mahesha Y				
24	Ms Sadhika Shetty				
25	Mr Uday J				
26	Mr Prasad S M				
27	Ms Joyline Teena Lasrado				

Dr Sandhya Dass
Convener

Dr Dayakshini
HOD, ECE Dept.



ST JOSEPH ENGINEERING COLLEGE, MANGALURU-575028
Department of Electronics and Communication Engineering
Programme accredited by National board of accreditation, New Delhi)

FDP on "Recent Trends in Medical Image Processing using Wavelet Transforms"

Attendance Day-5

Date: 05-01-2019

Sl. No.	NAME	Morning Session		Afternoon Session	
		Session-1	Session-2	Session-3	Session-4
1	Ms Neelamshobha Nirala				
2	Ms Ashwini Dasare				
3	Ms Farida H T				
4	Dr H C Sateesh Kumar				
5	Ms Beena Ullala Mata B N				
6	Ms Vandana Akshath Raj				
7	Ms LittiMol Mathew				
8	Mr Tenson Jose				
9	Ms Sujatha M				
10	Dr Rachana P				
11	Dr Savitha H M				
12	Dr Dayakshini				
13	Dr Sandhya Dass				
14	Ms Nandini Maninarayana				
15	Ms Vijayalaxmi H M				
16	Ms Reshma K J				
17	Ms Preetha D'Souza				
18	Ms Rashmi H				
19	Ms Chaitra U R				
20	Ms Deepthi S R				
21	Mr Anoop C V				
22	Ms Jayalakshmi K P				
23	Mr Mahesh Y Mahesha Y				
24	Ms Sadhika Shetty				
25	Mr Uday J				
26	Mr Prasad S M				
27	Ms Joyline Teena Lasrado				

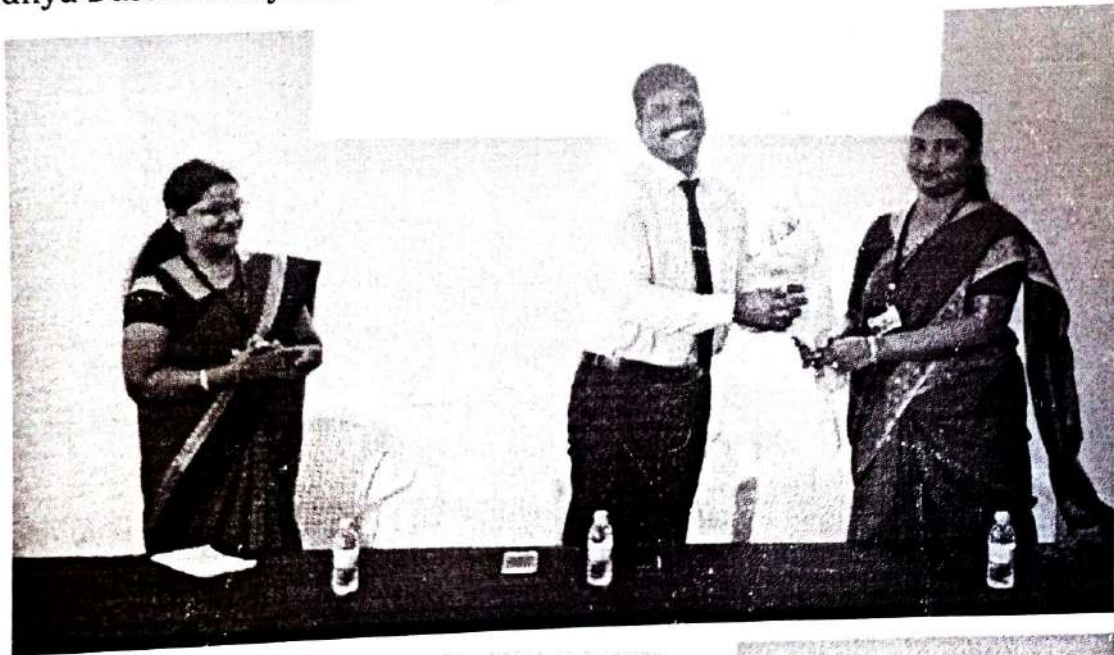
Dr Sandhya Dass
Convener

Dr Dayakshini
HOD, ECE Dept.

Report on “Recent Trends in Medical Image Processing Using Wavelet Transforms”

Department of Electronics & Communication Engineering organized a five- day Faculty Development Program on “Recent Trends in Medical Image Processing Using Wavelet Transforms” from 1st to 5th January, 2019. FDP focused mainly on covering the new directions in the field of Medical signal and image processing using Wavelets. The FDP has given the update on the most recent developments in this area. Dr Manesh B Kokare, Post-Doctoral research fellow from University of California, Santa Barbara, USA was the resource person. The FDP was attended by 25 faculty members. The external participants were from various Engineering Colleges from places like Raipur (Chhattisgarh), Davangere and Bengaluru.

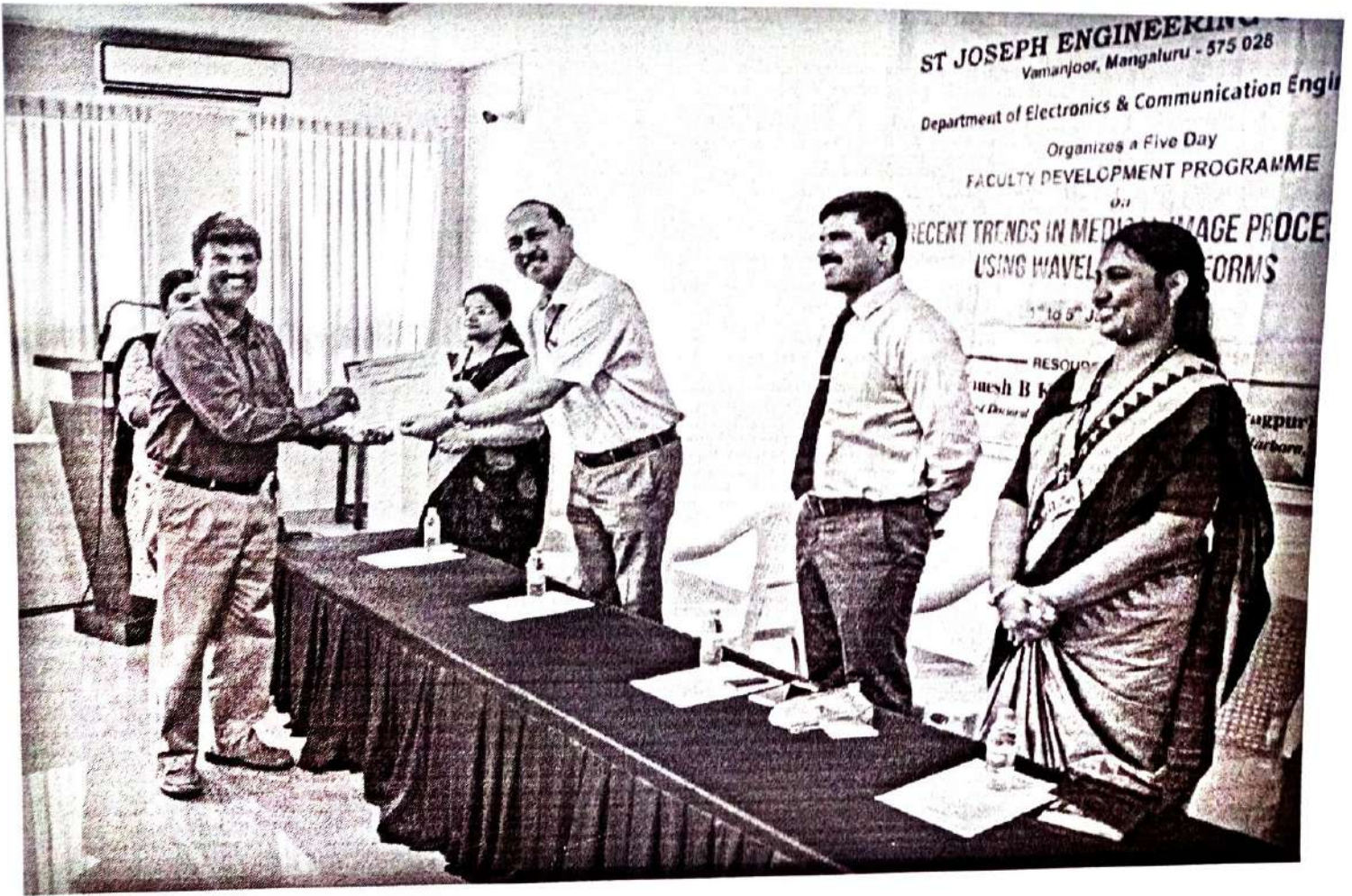
The FDP started on 1st of Jan 2019 at 9:30 a.m. in the Fr. Fred Memorial Hall. The inauguration was with the introduction of the Resource person to the participants by Dr. Sandhya Dass. Dr. Dayakshini florally welcomed the Resource person.



The resource person started the session with the introduction to fundamentals of wavelets, Spatial and Frequency Domain Filters, and image processing toolbox. Various wavelets such as Tree Structured wavelet, Wavelet Packet, M-Channel Wavelet, Rotated Wavelet, Dual Tree Complex, Rotated Complex Wavelet, Gabor Wavelet/ CBIR, Ridgelet & Curvelet was discussed. Application of Wavelet in CBIR, Retinal Image Analysis & Iris Recognition was elaborated with results and observations. A detailed explanation was given and every session of the day ended with hands-on & implementation of these wavelets. Every session was very informative and caught the attention of the audience with real life problems. The resource person also discussed the various research areas to focus on in the field of image processing.



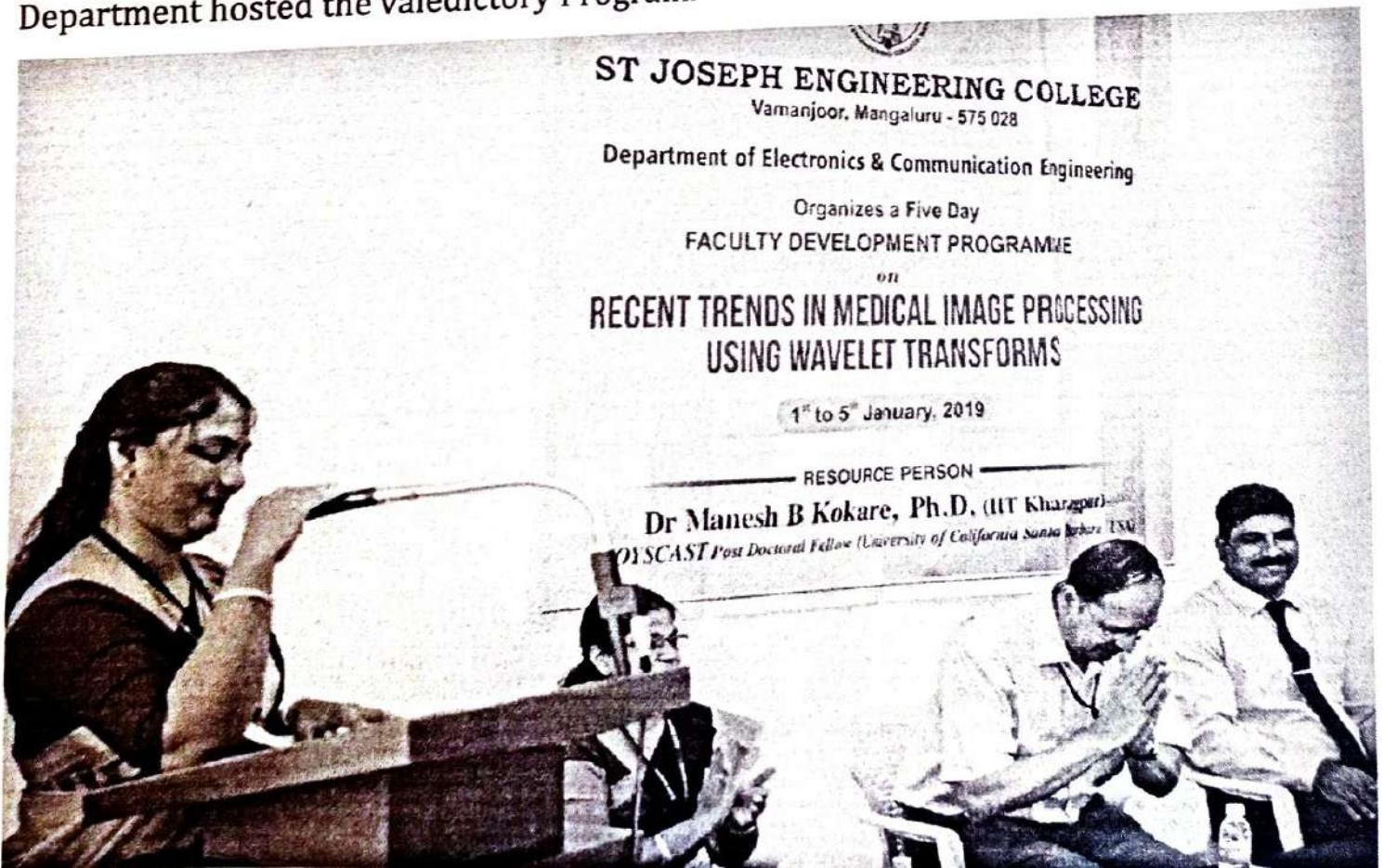
Lastly, the topic 'Why and How Research? How to write Best Research Paper?' was discussed followed by a brief Q&A session. The topics explained were presented in a well-organized manner and very much relevant to the title. Overall it was very useful and a good feedback was received from the audience.







Finally, the five- day Faculty Development Program concluded with the valedictory Program. HOD, Dr Dayakshini welcomed the gathering and Convenor Dr Sandhya Dass, Associate Professor, ECE, SJEC briefed the report on the FDP. Dr Kokare delivered the keynote address. Dr Rio D'Souza, Principal graced the occasion, thanked and felicitated the resource person with a memento. Ms Sadhika Shetty, Assistant Professor, ECE Department hosted the valedictory Program.



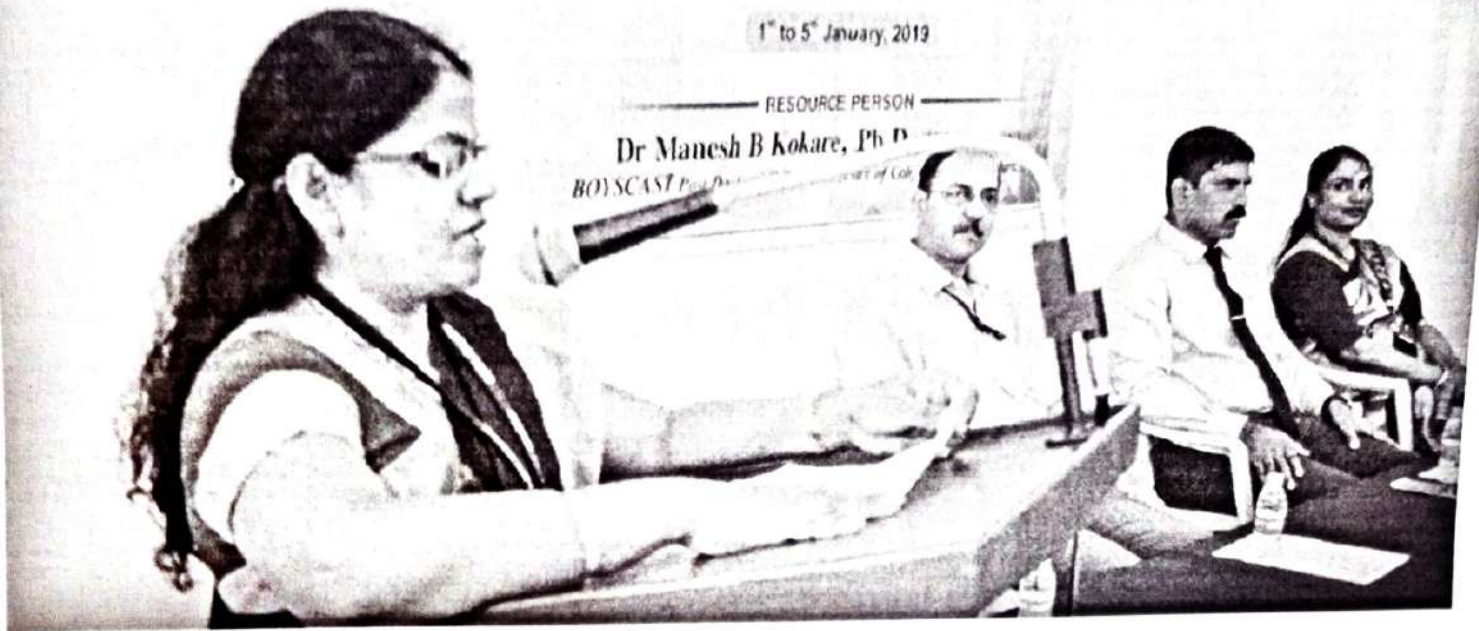
Department of Electronics & Communication Engineering
Organizes a Five Day
FACULTY DEVELOPMENT PROGRAMME

RECENT TRENDS IN MEDICAL IMAGE PROCESSING USING WAVELET TRANSFORMS

1st to 5th January, 2019

RESOURCE PERSON

Dr. Manesh B. Kokare, Ph.D.
BOYSCAST Professor, Department of Electronics & Communication Engineering, St. Joseph Engineering College, Mangalore



ST JOSEPH ENGINEERING COLLEGE

Vamanjoor, Mangalore - 575 028

Department of Electronics & Communication Engineering

Organizes a Five Day
FACULTY DEVELOPMENT PROGRAMME

RECENT TRENDS IN MEDICAL IMAGE PROCESSING USING WAVELET TRANSFORMS

1st to 5th January, 2019

RESOURCE PERSON

Dr. Manesh B. Kokare, Ph.D. IIT Kharagpur
BOYSCAST Professor, Department of Electronics & Communication Engineering, St. Joseph Engineering College, Mangalore



**FIVE DAY
FACULTY DEVELOPMENT PROGRAMME**

on

**RECENT TRENDS IN MEDICAL IMAGE PROCESSING
USING WAVELET TRANSFORMS**

1-5 January, 2019

**Organized By
Department of
Electronics & Communication Engineering**

Registration Form

Name :

Affiliation :

Department :

Mobile no :

Phone (0) :

Email-ID :

Registration Details:

Name of the bank

UTR No.

Date of Payment

Certified that the above information is true and correct to the best of my knowledge and belief.

Date : Signature of the Applicant

Signature of Head of the Institution

CHIEF PATRON

Most Rev. Dr Peter Paul Saldanha
Bishop of Mangalore & President, SJEC

PATRONS

Rev. Fr Wilfred Prakash D'Souza
Director, SJEC

Rev. Fr Rohith D'Costa
Assistant Director, SJEC

CHIEF ADVISORS

Dr Rio D'Souza
Principal, SJEC

Dr Joseph Gonsalvis
Chief of R & D, SJEC

Dr Savitha H M
Professor, ECE, SJEC

Dr Dayakshini
HOD-ECE, SJEC

CONVENOR

Dr Sandhya Dass
Associate Professor, ECE, SJEC

PARTICIPANTS

Program is open to all interested engineering faculty members, research scholars, industrial participants and PG students

ADDRESS FOR COMMUNICATION

Dr Sandhya Dass,
Associate Professor
Mobile: +91 9448080369
Email ID: sandhyad@sjec.ac.in

Ms Vijayalaxmi H Manjunatha
Mobile: +91 9900232595
Email ID: vijayal@sjec.ac.in

ST JOSEPH ENGINEERING COLLEGE

(Affiliated to VTU, Belagavi and recognised by the AICTE, New Delhi.
B.E. - CSE, ECE, EEE, ME Accredited by NBA, New Delhi)

Vamanjoor, Mangaluru - 575028

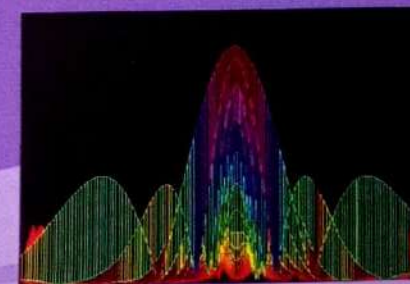


**FIVE DAY
FACULTY DEVELOPMENT PROGRAMME**

on

**RECENT TRENDS IN
MEDICAL IMAGE PROCESSING
USING
WAVELET TRANSFORMS**

1-5 January, 2019



**Organized By
Department of
Electronics & Communication Engineering
St Joseph Engineering College, Mangaluru**

About the College

SJEC is affiliated to Visvesvaraya Technology University, Belgavi, Karnataka and is recognized by all India council for Technical Education (AICTE), New Delhi. Established in 2002, the college offers top class education in Engineering, Business Administration and Computer Applications at UG, PG and Research levels. It has well qualified staff, state of the art laboratories with all facilities. Presently about 2500 students are studying in the college. The college provides scope for a wide variety of co-curricular and extra curricular activities which give a head-start to students, developing their personality and imparting skills of decision making and leadership. Placement department assists students to secure good jobs.

About the Department

The Department of Electronics and communication Engineering was established in the year 2002. With the effort of well qualified faculty and best infrastructure, the Department has grown from strength to strength in the last decade. Currently the student intake is 120 at UG level and 18 at the PG level. Also, VTU has approved the Department to offer Ph.D/ M.Sc (Engg) by research from 2015. The Department has faculty who are actively involved in teaching and research with specializations in Communication, Signal Processing and VLSI. The Department maintains a constant dialogue with the alumni to meet the industry requirements and holds guest lectures both in Engineering and Management, by industry experts.

The Department encourages students to present papers in seminars, workshops, conferences, participate in various intercollege technical and non technical events. All the laboratories of the department are accessible to the students and are equipped with latest softwares like Cadence VLSI Design Tool, Xilinx Vivado, MATLAB 2018 for regular projects and to try out ideas leading to entrepreneurship development. Also, Biomedical research lab is being set up in the department. Systematic procedure for selection and rubrics based rigorous evaluation of UG/PG projects, seminars and mini projects and rewarding the best projects have helped the department to achieve KSCST- Best Project of the Year (2017-18), publish articles in international journals and win Best paper awards.

Program Schedule

- Day 1:** Wavelet Fundamentals and applications, Implementation of 2-band Wavelet
- Day 2:** Fundamentals of Image Processing, Spatial and Frequency Domain Filters, Hands on experience on IP Tool Box
- Day 3:** Tree Structured and Wavelet Packet, M-Channel and Rotated Wavelet, Application of Wavelet in Retinal Image Analysis, Implementation of M-band Wavelet
- Day 4:** Dual Tree Complex and Rotated Complex Wavelet, Gabor Wavelet/ CBIR, Application of Wavelet in CBIR, Implementation of Gabor Wavelet
- Day 5:** Ridgelet and Curvelet/ Application of Wavelet in Iris Recognition, Why and How Research? How to write Best Research Paper?

About the resource Person

Dr Manesh B Kokare received Ph.D. from the Department of Electronics and Electrical Communication Engineering, Indian Institute of Technology, Kharagpur, India, in 2005. He completed Post-Doctoral research work in 2011-12 from University of California, Santa Barbara, USA.

He is presently holding position of Associate Professor and Head of the Department of Electronics and Telecommunication Engineering, Coordinator of Center of Excellence in Signal and Image Processing, and coordinator of RUSA. He has published about 80 papers in international and national journals and conferences. His research work got citation of 1706, h-index-18, and i-10 index 27. He is a recipient of many prestigious awards. He is a life member of ISTE, IETE and a member of IEEE.

Acknowledging Dr Kokare's research contribution, he has been selected as a reviewer of twenty international journals and his research interests include wavelets, image processing, pattern recognition, Computer Vision, and Content Based Image Retrieval. For the benefit of faculty members and research scholars in Engineering he has conducted more than 225 professional workshops and short term training program in various Engineering colleges of India. Based on his significant research contribution, Dr Kokare had been chosen as a candidate, whose biography was included in the 2007 Edition of Who's Who in the World, which was published in November 2006.

About the FDP

This FDP will explore new direction in the field of Signal/ Image Processing using Wavelet Analysis. Hands on experience will be demonstrated to the participants who are not necessarily wavelet experts. It will provide a timely update on the most recent developments in this area.

The applications of Wavelets, in Signal and Image processing will be discussed which will help the educators, practicing engineers and the students to continuously update their knowledge and skills. The FDP focuses mainly on the specialized topics of Wavelets and its practical applications in Medical Images. This will help the participants to update themselves and widen their horizon.

Details of Registration

Faculty from Engineering Colleges: Rs. 2000/-

PG Students: Rs. 1500/-

Industrial participants: Rs. 2500/-

No TA/DA will be admissible to any participant.

Registration will be done on "First Come First Served" basis.

The registration fees should be paid through electronic money transfer (NEFT) to

Account Number: 10792191000040

Name of the Account: St Joseph Engineering College

Bank: Oriental Bank of Commerce

Branch: Vamanjoor

IFSC/RTGS Code: ORBC0100966

Kindly send a mail with a copy of registration form, UTR number and proof of payment to vijayal@sjec.ac.in

Registration form should be submitted on the first day of the workshop.

Last date for registration: 15 December 2018

Accommodation: Shared Non-AC accommodation will be arranged in the guest house of the college on prior request by payment of nominal charge of Rs. 250/- per day.



**ST JOSEPH ENGINEERING COLLEGE
MANGALURU**

**Department of Electronics & Communication
Engineering**

Cordially Invites You to the Valedictory Function

Of

FACULTY DEVELOPMENT PROGRAMME

ON

**"RECENT TRENDS IN MEDICAL IMAGE PROCESSING USING WAVELET
TRANSFORMS"**

On 5th January 2019 at 12.00 pm in Fr Fred Memorial Hall

Chief Guest

Dr Manesh B Kokare

Professor & Head

**Department of Electronics and Telecommunication Engineering,
SGGS Institute of Engineering and Technology
Nanded, Maharashtra.**

Dr Rio D'Souza

Principal, SJEC

Will preside over the function

Kindly grace the occasion with your esteemed presence.

**Dr Sandhya Dass.
FDP Convener**

**Dr Dayakshini
HOD-ECE ,**



ST JOSEPH ENGINEERING COLLEGE

Affiliated to Visvesvaraya Technological University and recognised by All India Council for Technical Education

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LETTER OF APPRECIATION

Dr Manesh B. Kokare, Ph.D.

The Management of St Joseph Engineering College, Vamanjoor puts on record your expertise you shared with the participants of the Faculty Development Programme on the topic "Recent Trends in Medical Image Processing using Wavelet Transforms" from 1st to 5th Jan 2019 organized by department of Electronics and Communication Engineering.

Your expertise and the knowledge you shared was well received and appreciated by the participants which will help them in their long journey of research.

We immensely thank you for your contribution.

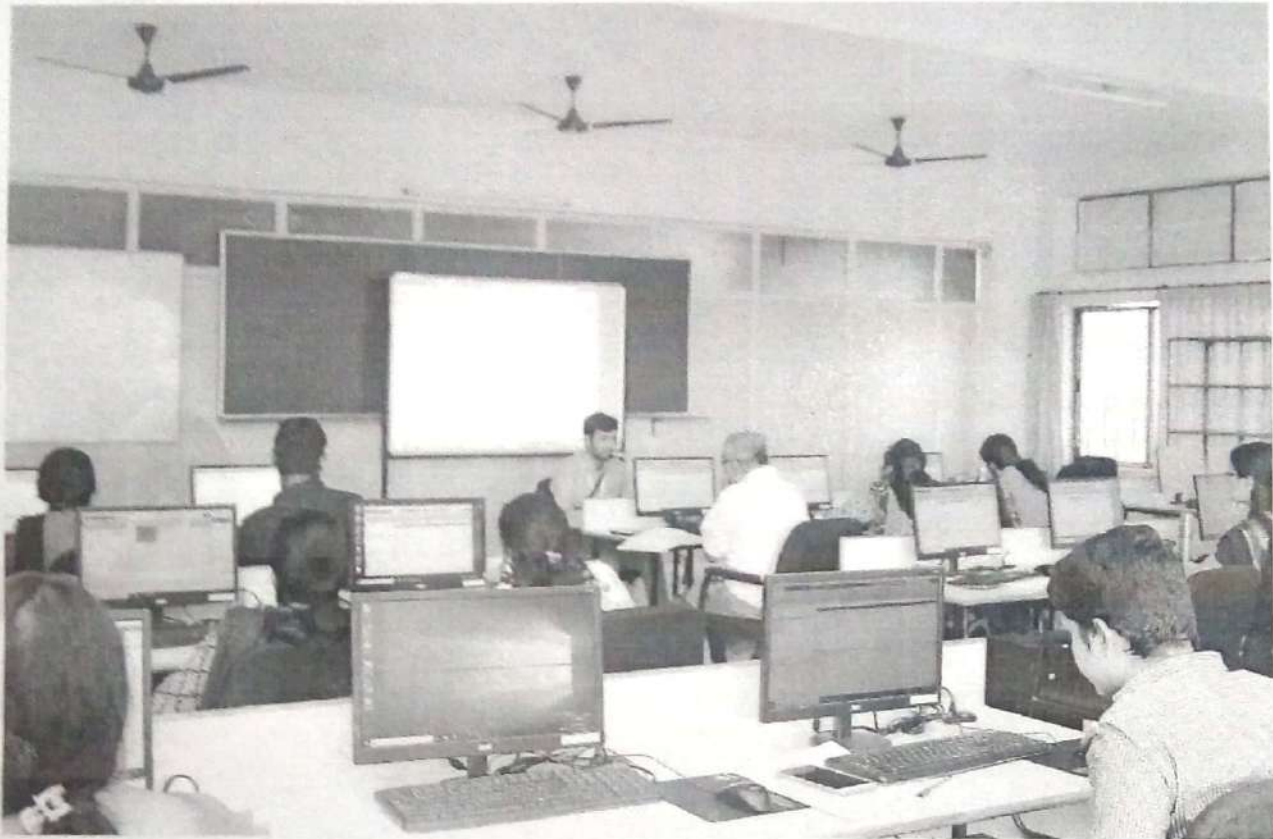
Wishing you all the best & expecting to continue the relation further.

R. 05/11/19
Dr Rio D'Souza
Principal - SJEC

Er Wilfred Prakash D'Souza
Director - SJEC

A brief report of **Project Based Learning with MATLAB& SIMULINK** workshop conducted between 7th January – 9th January 2019 jointly organized by SJEC-MATLAB in association with CSE & EC Departments.

All the sessions were conducted by Mr. Shankar from Corel Technologies. The workshop was inaugurated with a small welcome speech by Ms.Rashmi H of E&C department followed by briefing on Bio-data of the resource person Mr shankar by Ajeeth B of Civil Engineering Department. The resource person was welcomed with a bouquet of flowers by HOD of CSE department after which the actual sessions began.



On the first day, in the first session topics of fundamentals of MATLAB & SIMULINK and Introduction to CoreEL&MathWorks was covered followed by understanding MathWorks Products especially MATLAB R2018b and associated toolboxes. Second session was on Basics of MATLAB programming involving language fundamentals, decision making & looping constructs and operation on matrices with visualization of the computation. The Afternoon session was on Data Analysis & Visualization and defining & invoking functions. The day concluded with model based design with simulink and design of prototypes with simulink.

Rashmi
20/01/2019



On the second day, first session was on filter design & analysis with MATLAB, speech & audio processing followed by Image processing examples, Overview of Computer vision system toolbox, Video streaming in MATLAB, Video acquisition in MATLAB from webcam. Introduction to Machine Learning for Computer Vision Applications using MATLAB was handled in the afternoon session followed by Introduction to Deep Learning for Computer Vision Applications using MATLAB.



On the third day, first session started with Control System Design & Analysis followed by Physical Modelling with SIMSCAPE. The afternoon session was on the Arduino Interfacing with MATLAB and SIMULINK followed by hands on session on the same topic. The session was concluded by thanks giving to resource persons for the workshop and distribution of workshop certificates to the participants.

Dash
20/01/2019

THREE DAY
FACULTY DEVELOPMENT PROGRAMME
on
FINFET BASED VLSI DESIGN USING CADENCE

7th to 9th January, 2019

Organized By
Department of
Electronics & Communication Engineering

Registration Form

Name :

Affiliation :

Department :

Mobile no :

Phone (0) :

Email :

Registration Details:

Name of the Bank

UTR No.

Date of Payment

Certified that the above information is true and correct to the best of my knowledge and belief.

Date : Signature of the Applicant

Signature of Head of the Institution

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Dr Savitha H M
Professor, ECE, SJEC

Dr Dayakshini
HOD-ECE, SJEC

CONVENOR

Mr P C Vijay Ganesh
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9880122649, vijayg@sjec.ac.in

CO-CONVENOR

Mr Mahesha Y
Assistant Professor, ECE
8907075562, maheshy@sjec.ac.in

PARTICIPANTS

The program is open to all interested engineering
Faculty Members, Research Scholars,
PG Students and Participants from Industry



7th to 9th January, 2019

Organized By
Department of
Electronics & Communication Engineering
St Joseph Engineering College, Mangaluru

About the College

SJEC is affiliated to Visvesvaraya Technology University, Belagavi, Karnataka and is recognized by All India Council for Technical Education (AICTE), New Delhi. Established in 2002, the college offers top class education in Engineering, Business Administration and Computer Applications at UG, PG and Research levels. It has well-qualified staff, state of the art laboratories with latest facilities. Presently about 2500 students are studying in the college. The college provides scope for a wide variety of co-curricular and extracurricular activities which give a head-start to students, developing their personality and imparting skills of decision making and leadership. The college also holds the consistent growth in the Placements record.

About the Department

The Department of Electronics and Communication Engineering was established in the year 2002. With the effort of well-qualified faculty and best infrastructure, the Department has grown from strength to strength in the last decade. Currently, the student intake is 120 at the UG level and 18 at the PG level. Also, VTU has approved the Department to offer Ph.D./ M.Sc (Engg) from 2015. The Department has faculty who are actively involved in teaching and research with specializations in Communication, Signal Processing, and VLSI. The Department maintains a constant dialogue with the alumni to meet the industry requirements and holds guest lectures both in Engineering and Management, by industry experts.

The Department encourages students to present papers in seminars, workshops, conferences, participate in various inter-college technical and non-technical events. All the laboratories of the department are accessible to the students and are equipped with the latest software like Cadence VLSI Design Tool, Xilinx Vivado, MATLAB 2018 for regular projects and to try out ideas leading to entrepreneurship development.

Recently, Biomedical research lab has been set up in the department. A Systematic procedure for selection and rubrics based rigorous evaluation of UG/PG projects, seminars, and mini projects and rewarding the best projects have helped the department to achieve KSCST- Best Project of the Year (2017-18), publish articles in international journals and win Best paper awards.

About the FDP

This program aims to focus on recent trends in Analog VLSI design. The topics are carefully chosen so as to enable the participants particularly the faculty get introduced to Analog front and back end design process. Considering the current trends in VLSI lab and its eminent inclusion with academic as well as student projects, a demo to work with FINFET will also be provided.

About the Company

Entuple technology :

Head Quartered at Bangalore, India, Entuple Technologies was founded on 1st January 2010 by professionals with a combined experience of over 80 years in the Electronics Industry. Combined from the words "Enable" and "n-tuple", Entuple is suggestive of enabling multi-dimensional possibilities and growth for all our stakeholders.

The management team with its experience in different sectors such as Aerospace & Defence, Small & Medium Business, Research & Academia has joined together to build a world class team of next generation solution enablers in system design technologies. Partnering with technology leaders in such areas we also bring together a dynamic eco-system for our customers.

In the academic sector, Entuple is committed to bridge the growing gap between curriculum and advancements in the industry by providing effective tools and technologies.

Details of Registration

PG / Research scholars : Rs 500/-

Industry Person : Rs 1500/-

Faculty : Rs 750/-

No TA/DA will be admissible to any participant.

Registration will be done on "First Come First Served" basis.

The registration fees should be paid through electronic money transfer (NEFT) to

Account Number: 10792191000040

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IFSC/RTGS Code: ORBC0100966

Kindly send a mail with a copy of registration form, UTR number and proof of payment to vijayg@sjec.ac.in

The registration form should be submitted on the first day of the workshop.

**Last date for registration:
30th December 2018**

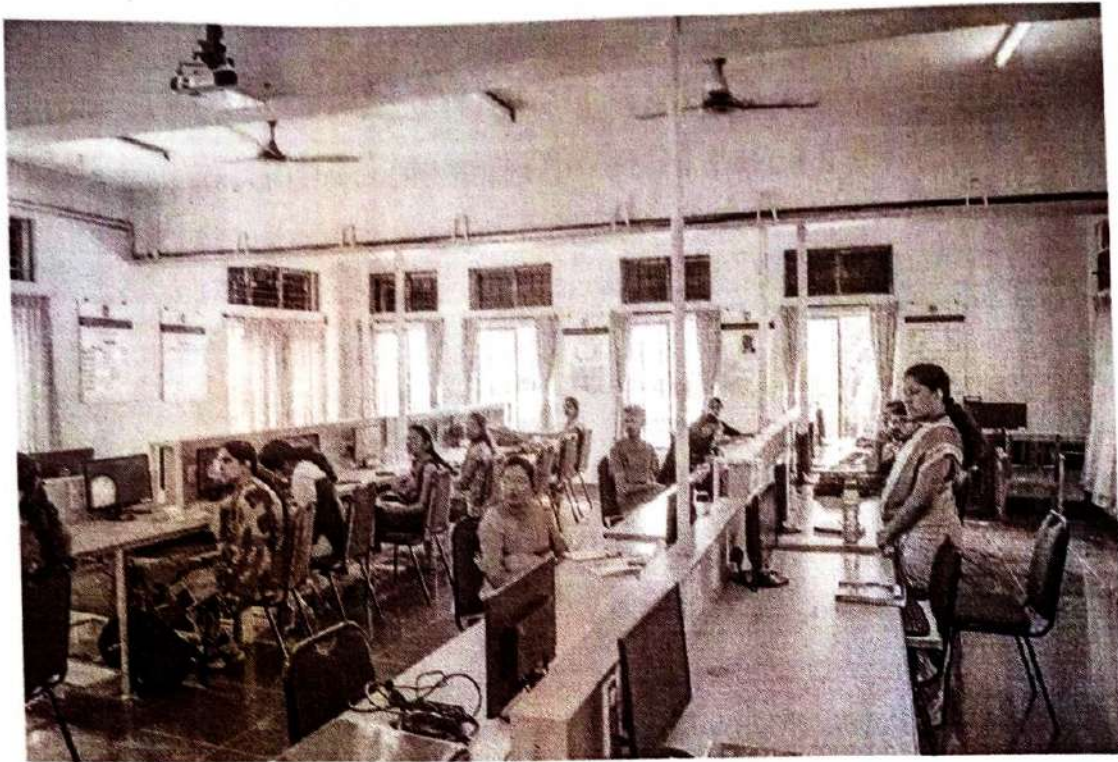
Accommodation: Shared Non-AC accommodation will be arranged in the guest house of the college on prior request by payment of nominal charge of Rs. 250/- per day.

Report of
Three day FDP on
FINFET based VLSI Design using CADENCE

The Department of electronics and communication had conducted three days FDP on **FINFET based VLSI Design using CADENCE**. Mr P.C. Vijay Ganesh was the convenor and Mr Mahesha Y was co-convenor of the workshop There were eighteen participants participated for this workshop. Mr Navin Kumar from Entuple Technologies Bangalore was the resource person for this workshop.



On 07.01.2019, Monday Dr Dayakshini Head of Electronics and communication department has inaugurated the workshop. She requested all the participants to use the workshop effectively. Mr Navin Kumar took over the session after the inaugural programme. First session of Day 1 started with the design of an Inverter using 45 nm technology. He liked the theory learned during the course "VLSI Design". Once the schematic design is done, He gave a demo on how to simulate transient and DC Analysis using virtuoso ADEL. After the tea break he guided how to design the Layout for Inverter and back annotations.



On 09.01.2018 He started the session with analog design using 45 nm technology. The participants were asked to design Common Source amplifier for a given constraints using 45 nm Technology. The resource person gave a specifications. He introduced to the participants on how to do the characterization of a MOSFET using the cadence tool. The participants went through the design of Common source amplifier with a resistive, Current source and finally with active load. After this he asked the participants to design a differential amplifier. He showed how to add expression from calculator to waveform window. This method has gave more insight on the working of MOSFETs and find appropriate width of an amplifier design. Then he asked to design an operational amplifier. Most of the participants done the schematic design during the morning session. During the afternoon session participants did layout for Common source, Differential amplifier and Operational amplifier.

On 10.01.2019 the resource person started the session with the theory behind to calculate the parasitic capacitance and resistance. He then gave a hands on session of the same using cadence tool. In the afternoon session he designed and simulated the common source amplifier design using FINFET.



The workshop completed with the distribution of certificates for all the participants. The participants appreciated the flow in which workshop went. Particularly on connecting the theory of the design to the simulation using Cadence tool.



Mali



Department of Electrical & Electronics Engineering
ST JOSEPH ENGINEERING COLLEGE, VAMANJOOR
MANGALURU-575028

Cordially Invites You to the Inaugural Function of Domain Related FDP on
“New and Renewable Energy Systems”

on

Tuesday 14th June 2016 at 9:30am in the Fr. Fred Seminar Hall.

Rev. Fr. Joseph Lobo

Director-SJEC

will preside over the function

Ms. Santhi Devadu

Programme Manager, Education Lab-SELCO, India

will be the Guest of Honour

Kindly grace the function with your esteemed presence

Mr.Sathisha K. & Mr. Deepesh S. K.
Programme Coordinators

Dr. Joseph Gonsalvis
Principal & HOD In-charge

Training on Solar energy.

The Technical training program to be held on 14th and 15th June 2016 at St.Joseph Engineering college - Vamanjoor.

Agenda.

Time	Session	Faculty
Day - 1		
9.30 - 10.30	Inaguration and Introductory remarks	Principal
10.30 to 11.15	Overview of Energy situation and Selco model	Senthil
11.15 to 11.30	Tea time	
11.30 to 1.00	Design aspect Solar based DC systems and Design aspect Solar based AC systems	Dipayan Sarkar.
1.00 to 2.00	Lunch time	
2.00 to 3.00	System design Activity.	Senthil
3.00 to 3.15	Tea time	
3.15 to 5.00	Design aspect of Inverter based system and connections.	Dipayan Sarkar. And Praveen
Day - 2		
9.30 to 1.00	Field visit	
	1. Minigrid - Meenakallya - Mr.Subramanya Althal	Praveen .Y
	2. Gridtied system - Mangalore - Mr.Janardhan	Praveen .Y
1.00 - 1.15	Conclusion.	

10 DAY
 FACULTY DEVELOPMENT PROGRAMME
 ON
 "POWER AND ENERGY SYSTEMS"
 19th - 28th JUNE 2017
 PROGRAMME SCHEDULE

DAY DATE	TIMINGS	TOPIC	RESOURCE PERSON
DAY -1 19-6-2017	8:30AM – 09:00AM	REGISTRATION	
	09:00AM - 10:00AM	INAUGURATION	
	10:00AM - 10:30AM	KEY NOTE ADDRESS	MR. MOHAN HEGDE, COO – OPERATIONS SELCO INDIA
	10:30AM - 10:45AM	TEA BREAK	
	10:45AM – 01:00PM	AN OVERVIEW OF ENERGY , RENEWABLE ENERGY SOURCES	DR. H. NAGANAGOUDA, DIRECTOR NTCST
	02:00PM – 04:30PM	SOLAR ENERGY AND WIND-SOLAR HYBRID SYSTEM	DR. H. NAGANAGOUDA, DIRECTOR NTCST
DAY - 2 20-6-2017	9:00AM – 11:00AM	DEMONSTRATION OF SOLAR INSTALLATION WITH DATA COLLECTION	DR. H. NAGANAGOUDA, DIRECTOR NTCST
	11:00AM – 01:00PM	CASE STUDIES – HANDS ON TRAINING	DR. H. NAGANAGOUDA, DIRECTOR NTCST
	02:00PM – 04:30PM	DESIGN OF ROOFTOP SOLAR POWER PLANTS STANDALONE SYSTEM AND GRID CONNECTED WITH NET METERING	DR. H. NAGANAGOUDA, DIRECTOR NTCST
DAY -3 21-6-2017	09:00AM – 01:00PM	FUNDAMENTALS OF INVERTER , TYPES, DESIGN / SIZING OF INVERTERS, CHARGE CONTROLLERS	MR. SHYAM SUNDAR DIRECTOR, STUDER INNOTECH INDIA PVT LTD
	02:00PM – 04:30PM	DESIGN OF SOLAR PVGRID CONNECTED POWER PLANTS	DR. H. NAGANAGOUDA, DIRECTOR NTCST
DAY -4 22-6-2017	09:00AM – 01:00PM	EARTHING OF SOLAR PLANTS AND LIGHTING SYSTEMS	MR. H. JAYAKUMAR, RETD JOINT DIRECTOR CPRI
	02:00PM – 04:30PM	BATTERIES AND ITS APPLICATIONS	MR. M.K NARAYAN, GM(RETD), EXCID BATTERIES

DAY -5 23-6-2017	09:00AM – 01:00PM	MATLAB PROGRAMMING BASICS AND MODEL BASED DESIGN USING SIMULINK	MR. PRAMOD KUMAR NAIK, SENIOR APPLICATION ENGINEER, COREL TECHNOLOGIES
	02:00PM – 04:30PM	CONTROL SYSTEM DESIGN & ANALYSIS AND SIMSCAPE POWER SYSTEMS	MR. PRAMOD KUMAR NAIK, SENIOR APPLICATION ENGINEER, COREL TECHNOLOGIES
DAY -6 24-6-2017	9:00AM – 4:00PM	FIELD VISIT	MR. K S PAI, MD, VIJAYA SOLAR
DAY -7 25-6-2017		SUNDAY	
DAY -8 26-6-2017		RAMADAN	
DAY -9 27-6-2017	9:00AM – 11:00AM	DISTRIBUTED POWER GENERATION AND MICRO GRIDS	MR. GANESH SHANKAR, MD, FLUXGEN ENGG. TECHNOLOGIES
	11:00AM – 01:00PM	LOAD FLOW ANALYSIS AND BREAKER SIZING WITH ETAP	MR. K VASUDEVAN, SENIOR MANAGER, ETAP AUTOMATIONS.
	02:00PM – 04:30PM	HARMONIC ANALYSIS AND MOTOR START – STOP ANALYSIS WITH ETAP, INSULATION COORDINATION WITH PSCAD	MR. K VASUDEVAN, SENIOR MANAGER, ETAP AUTOMATIONS.
DAY -10 28-6-2017	9:00AM – 10:30AM	CAPTIVE POWER GENERATION IN PROCESS PLANTS	MR. T K NAGARAJ RAO, SENIOR MANAGER, ELECTRICAL MAINTENENCE, MRPL
	10:45AM – 12:30PM	INNOVATIVE COMMUNITY BASED PROJECTS	MR. ALRIC D'SOUZA, SENIOR MANAGER, SELCO FOUNDATION, RURAL COMMUNITY LAB, MANIPAL
	12:30PM – 1:00PM	VALEDICTORY	

**10 DAY
FACULTY DEVELOPMENT PROGRAMME
ON
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19th - 28th JUNE 2017
PROGRAMME SCHEDULE**

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	10:30AM - 10:45AM	TEA BREAK	
	10:45AM – 01:00PM	AN OVERVIEW OF ENERGY , RENEWABLE ENERGY SOURCES	DR. H. NAGANAGOUDA, DIRECTOR NTCST
	02:00PM – 04:30PM	SOLAR ENERGY AND WIND-SOLAR HYBRID SYSTEM	DR. H. NAGANAGOUDA, DIRECTOR NTCST
DAY - 2 20-6-2017	9:00AM – 11:00AM	DEMONSTRATION OF SOLAR INSTALLATION WITH DATA COLLECTION	DR. H. NAGANAGOUDA, DIRECTOR NTCST
	11:00AM – 01:00PM	CASE STUDIES – HANDS ON TRAINING	DR. H. NAGANAGOUDA, DIRECTOR NTCST
	02:00PM – 04:30PM	DESIGN OF ROOFTOP SOLAR POWER PLANTS STANDALONE SYSTEM AND GRID CONNECTED WITH NET METERING	DR. H. NAGANAGOUDA, DIRECTOR NTCST
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DAY -10 28-6-2017	9:00AM – 10:30AM	CAPTIVE POWER GENERATION IN PROCESS PLANTS	MR. T K NAGARAJ RAO, SENIOR MANAGER, ELECTRICAL MAINTENENCE, MRPL
	10:45AM – 12:30PM	INNOVATIVE COMMUNITY BASED PROJECTS	MR. ALRIC D'SOUZA, SENIOR MANAGER, SELCO FOUNDATION, RURAL COMMUNITY LAB, MANIPAL
	12:30PM – 1:00PM	VALEDICTORY	

ABOUT SJEC

SJEC is affiliated to Visvesvaraya Technological University, Belagavi, Karnataka State, and is recognized by the All India Council for Technical Education (AICTE) New Delhi, and accredited by the National Board of Accreditation (NBA), Established in the year 2002, the College offers top class education in Engineering, Business Administration and Computer Applications at UG, PG and Research levels. It has well qualified staff, state of the art laboratories and all facilities. The college provides a wide variety of co-curricular and extra-curricular activities which give a head start to the students in developing their personality and imparting skills of decision making and leadership.

About the Department of Electrical and Electronics Engineering

The department of Electrical & Electronics Engineering (E&E) offers four programmes.

1. Bachelor of Engineering in Electrical & Electronics is a four year (Eight semesters) duration programme affiliated to VTU, approved by AICTE and accredited by NBA.
2. Master of Technology in Power Electronics is a two year (Four semesters) duration programme affiliated to VTU, approved by AICTE.
3. M.Sc in Electrical & Electronics Engineering affiliated to VTU, approved by AICTE.
4. PhD in Electrical & Electronics Engineering affiliated to VTU, approved by AICTE.

The department has a well balanced mixture of experienced faculty together with young and dynamic faculty. With the objective of making graduates industry ready, the department modernized all laboratories using industry standard equipments such as Contactors. The Power System Protection Relay Laboratory is the only one its kind in an educational institute. Reverse Engineering Lab has been setup in addition to VTU requirements, providing graduates a wide base in engineering.

ABOUT THE FDP

This 10-day FDP on Power and Energy System provides a unique opportunity for E&E Faculty and Industry personnel working in the power sector to discuss advanced topics on Power and Energy Systems, Solar Energy Technology and get trained in advanced power system simulation software. It also provides an opportunity to interact with highly experienced industry experts who are working in the power and energy sector and have readily agreed to share their valuable knowledge with the participants.

OBJECTIVES OF THE FDP:

1. To provide knowledge on state of the art technology in renewable energy systems.
2. To motivate Academicians and Industry personnel to take up research activity in the area of Power and Energy Systems.
3. To provide hands on training with recent power system simulation software tools.
4. To spread awareness on energy conservation among student community, faculty members and industry personnel.

TOPICS COVERED:

- Solar Energy and Wind-Solar Hybrid System
- Demonstration of Solar Installation with Data Collection
- Design of Rooftop Solar Power Plants Stand alone System and Grid Connected With Net Metering
- Fundamentals of Inverter, Types, Design / Sizing of Inverters, Charge Controllers
- Design of Solar PV grid Connected Power Plants
- Earthing of Solar Plants and Lighting Systems
- Batteries and Its Applications
- Field Visit to 30kW Solar Power Plant
- Distributed Power Generation and Micro Grids
- Hands on Training with MATLAB (SimPower system toolbox), ETAP (Harmonic and Short Circuit Analysis) and PSCAD.
- Industry based solid state relays, power system protection, motor start-stop analysis

RESOURCE PERSONS:

Dr. H. Naganagouda, Director, NTCST, KPCL
Mr. H. Jayakumar, Retd Joint Director CPRI
Mr. M. K. Narayan, GM(Retd), Excide Batteries
Mr. K. S. Pai, MD, Vijaya Solar Systems
Mr. Shyam Sundar, Director, Studer Innotech India Pvt. Ltd
Mr. Ganesh Shankar, MD, FluxGen Engg. Technologies
Mr. K Vasudevan, Senior Manager, ETAP Automations.



ST JOSEPH ENGINEERING COLLEGE

Vamanjoor Mangaluru 575028
Karnataka State- India

**10 DAY
FACULTY DEVELOPMENT PROGRAMME
ON**

“POWER AND ENERGY SYSTEMS”

19th - 28th JUNE 2017

REGISTRATION FORM

1. Name: _____

2. Designation: _____

3. Department: _____

4. Address: _____

5. Mobile No.: _____

6. Email ID: _____

7. Details of Electronic Fund Transfer

UTR Number:

8. Accommodation:

Required Not required

9. Place and Date

Signature

10. Name of the Deputing Authority:

Signature and Seal



REGISTRATION DETAILS

- Registration Fee per Participant is Rs 2000/-
- The registration form given should be duly filled and approved by the Head of the Institution and submitted on or before 10th June 2017.
- The registration fee shall be paid through electronic fund transfer to the account number: 10792191000040, Bank: Oriental Bank of Commerce, Branch: Vamanjoor, IFSC Code: ORBC0100966. Participants are requested to inform the UTR number of the transaction at the time of registration
- Accommodation request should be communicated on or before 5th June 2017 and will be provided on First Come First Serve Basis at nominal rates.
- The candidates interested in FDP may post their queries to the faculty coordinators.
- No TA/DA would be provided to the participants

FACULTY COORDINATORS

Mr. Deepesh SK
Assistant Professor
deepeshk@sjec.ac.in
9886220134

Mr. Rolen Rodrigues
Assistant Professor
rolenr@sjec.ac.in
9480661029



ST JOSEPH ENGINEERING COLLEGE

Affiliated to VTU-Belagavi & Recognized by AICTE
NBA – Accredited: B.E (CSE, ECE, EEE & ME)

Vamanjoor Mangaluru 575028
Karnataka State- India

**10 DAY
FACULTY DEVELOPMENT PROGRAMME
ON**

“POWER AND ENERGY SYSTEMS”

19th - 28th JUNE 2017



ORGANISED BY

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

IN ASSOCIATION WITH



NATIONAL TRAINING CENTRE FOR SOLAR TECHNOLOGY,
KARNATAKA POWER CORPORATION LIMITED

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
(Accredited By National Board of Accreditation)
ST JOSEPH ENGINEERING COLLEGE, VAMANJOOR MANGALURU

The Department of Electrical & Electronics Engineering had organized a three – day National level Faculty Development Programme on “Programmable Logic Controllers & SCADA” from 9th January to 11th January 2017. The resource persons for the FDP were Mr Himanshu kumar & Mr Amith kumar of Indwell Institute of technology, Pune. The objective of this FDP was to enhance the skill development of faculty to contribute towards handling of theory subjects & execution of research projects.

On 9th January 2017, the inaugural function was presided over by Rev. Fr Rohith D’Costa, Assistant Director, SJEC. The event was inaugurated by lighting the lamp. FDP coordinator Ms Bharathi Rao, Assistant Professor, Department of E&E welcomed the gathering. The guest of honour, Mr Himanshu Kumar, Director, Indwell Institute of technology, Pune delivered the key note address. In his address, he inspired the participants on the necessity of learning the industrial automation. Dr Sheryl Grace Colaco, Professor & Head, Department of E&E, felicitated the guest of honours with a memento. FDP co-coordinator Ms Divya K Pai, Assistant Professor, Department of E&E proposed the vote of thanks.

The three day training sessions focused mainly on providing theoretical knowledge and hands-on training on PLC software. The participants were also given an overview of the development of SCADA for control applications.

The FDP concluded with a feedback session by the participants. The participants were presented certificates by the resource persons. Around 11 external and 18 internal faculty participated in the workshop. The participants thanked the organizing team for informative training session, organization of workshop and hospitality.



Registration Details:

- The registration fee per participant is Rs.700/-.
- The registration form given below should be duly filled & approved by the head of the institution and submitted at the time of registration.
- The registration fee may be paid in cash at the time of registration.
- The candidates interested in registering for the FDP can post their queries to faculty coordinators.

Application Form:

Name:
(in BLOCK letters)

Designation:

Department:

Name of deputing authority:

Signature and seal:

“Programmable Logic Controllers & SCADA”

Objectives:

1. Provide the basic fundamentals of automation and also a platform to work on in the near future.
2. Provide the practical knowledge of the Industrial Automation & latest technologies being used.
3. Motivate the participants to pursue research work in the field of PLC.

Resource persons

INDWELL Automation
Advanced Industrial Automation Training
PUNE.

Contact Details:

(Faculty Coordinators)

Ms Bharathi Rao
bharathir@sjec.ac.in
Mob: 9448727001

Ms Divya K Pai
divyap@sjec.ac.in
Mob: 8762874407



DEPARTMENT OF
ELECTRICAL & ELECTRONICS ENGINEERING

FACULTY DEVELOPMENT PROGRAMME

“Programmable Logic Controllers & SCADA”



9th to 11th January 2017

Venue: Fr Fred Seminar Hall/E&E lab.

FACULTY DEVELOPMENT PROGRAMME

Day 1

9th January 2017

(9:30 a.m to 4:30 p.m)

- PLC type
- Logic development tricks.
- Contactors, Related program examples with toggle and push button switches.
- Latch, Flag, PLC scan, Type of pulse, Related industrial Application.
- Timer, Type of timer, Related industrial application.

Hands on: Simulation Software

Type of PLC Hardware/Software Training:

- * FXCPU
- * Micrologix
- * Codesys & Visualization

FACULTY DEVELOPMENT PROGRAMME

Day 2

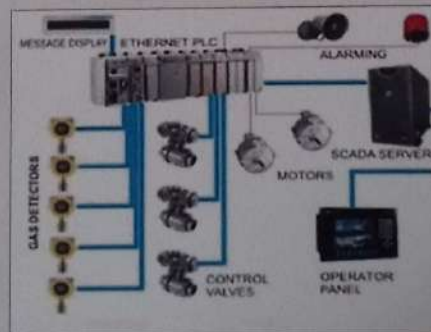
10th January 2017

(9:30 a.m to 4:30 p.m)

- Different PLC brand software and hardware introduction.
- Digital industrial input/ outputs. Type and related application.
- HMI/MMI introduction, screen development, data configuration.

Software: Codesys and visualization
GX Developer
RS Logix.

Hardware: Mitsubishi
Allen Bradley.



FACULTY DEVELOPMENT PROGRAMME

Day 3

11th January 2017

(9:30 a.m to 4:30 p.m)

- PLC HMI interface, PLC data monitoring and controlling through HMI/ MMI.
- SCADA introduction, screen development, Drive selection and configuration, Tag creation and configuration.
- PLC data monitoring and controlling through SCADA.
- PLC input output wiring concept, Sink source concept

Software: GX Developer
RS Logix
E- Designer
SCADA SW.

Hardware: E terminal
Push button
Proximity sensor
Digital lamps
AC small pump
Relay
Real time interfacing project.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
(Accredited By National Board of Accreditation)
ST. JOSEPH ENGINEERING COLLEGE, VAMANJOOR

DETAILS OF BUDGETARY ESTIMATE
FDP on Switch Gear & Electrical Machine Maintenance
14-16 December 2017

Sl. No.	Name of Item	Resource Person	Budget Estimate (in Rs)
1	Remuneration/Training fee: Day1: Theory & Hands-on session on Electrical Maintenance -9:00 a.m to 5:00 p.m . Also, Chief Guest for the Inaugural Function.	Mr. C.H. Ganapathi Bhat Consulting / Chartered Engineer Mysore	10,000.00
	Day 2 (Forenoon): Theory on Switchgear & Protection Systems (9:30 a.m -12:30p.m)	Mr. V. Subramaniam Switchgear Training Centre, Cunoor	4,000.00
	Day 2 (Afternoon) Hands on training on ETAP (1:30 p.m -4:45 p.m)	Mr. Vasudevan K Design Engineer ETAP-Mumbai	3,000.00
	Day 3: Field Visit to Karavali Switchgear, Baikampady (9:30 a.m -12:30 p.m) by College Bus		500.00
2	TA&DA Expenses to resource Persons Conveyance by personal car (to & fro from Mysore)	Mr. C.H. Ganapathi Bhat -	2,000.00
	Conveyance by Train from Mumbai (to)	Mr. Vasudevan	2,000.00
	Conveyance by Car from Cunoor to Coimbatore (To &Fro @Rs 1,800 per trip)	Mr. V. Subramaniam Switchgear training centre, Cunoor	3,600.00
	Conveyance by Train from Coimbatore to Mangalore (To &Fro)		1,500.00
3	Brochure, Banner & Certificate Printing	-	1,000.00
4	Refreshment for 3 days @Rs. 90 per day [Breakfast-Rs.30/- Simple Lunch-Rs.40/- Snacks-Rs.20/- for 25 participants] (10 External+15 Internal)=25 Participants	-	6,750.00
5	Miscellaneous (Folder+pens+notepad etc.)	-	500.00
Approximate Expenses			34,850.00
Amount to be collected from External participants @Rs 900/- per person Approx. Expected Number of External Participants = 10			9000.00
Budget Estimate			25,850.00
<p>Dr Sheryl Colaco Convener Encl: Email communications from resource persons</p> <p>Mr. Subramanya K Coordinator</p> <p>Mr. Deepesh S.K & Ms. Chaithra Co- Coordinator</p>			

Three day faculty development programme to be held at St Joseph Engineering College on 9th to 11th January 2017.

Theme: Programmable Logic Controllers and SCADA.

Agenda			
Day	Time	Session	Faculty
Day 1	9.30 am-11.00 am	Inauguration	
	11.15 am-1.00 pm	Introduction to PLC type -Logic development tricks. -Contacts, Coil, Related program.	Mr Himanshu kumar
	2.00 pm to 4.30 pm	-Examples with toggle and push button switches. - Latch, Flag, PLC scan, Pulse, Type of pulse, Related industrial Application. -Timer, Type of timer, Related industrial application. Software: Codesys and Visualization.	Mr Amit kumar
Day 2	9.30 am-1.00 pm	-Different PLC brand software and hardware introduction. -Digital industrial input/ outputs. Type and related application.	Mr Himanshu kumar
	2.00 pm-4.30 pm	HMI/ MMI introduction, screen development, data Configuration. Software: GX Developer, RS Logix.	Mr Amit kumar
Day 3	9.30 am-1.00 pm	-PLC HMI interface, PLC data monitoring and controlling through HMI/ MMI. -SCADA introduction, screen development, Drive selection and configuration, Tag creation and configuration.	Mr Himanshu kumar
	2.00pm-4.30 pm	-PLC data monitoring and controlling through SCADA. -PLC input output wiring concept, Sink source concept in wiring, project with PLC. Software: E- Designer, SCADA SW.	Mr Amit kumar

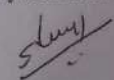
FDP- Report

The Department of Electrical & Electronics Engineering had organized a three day National Level Faculty Development Programme on "Electrical Switchgear and Maintenance" from 14th to 16th December 2017. The resource persons for the FDP were **Mr C H Ganapathi Bhat**, Technical Consultant Mysuru., **Mr V Subramanian**, Senior Faculty, L&T Switchgear Training Center Cunnor and **Mr K Vasudevan**, Senior Manager, E-Tap Automations Pvt Ltd Mumbai. The objective of this FDP was to provide 1. knowledge on state of the art technology in Switch gear and Protection Schemes, 2. Maintenance practices, 3. Hands on training with recent power system simulation software tools, 4. Improve Industry Institute Interaction.

On 14th December 2017, the inaugural function was presided over by Rev. Fr Wifred Prakash D'Souza, Director, SJEC. The event by was inaugurated by lighting the lamp. FDP coordinator Mr Subramanya K, Assistant Professor, Department of E&E welcomed the gathering. The Chief guest, Mr C H Ganapathi Bhat, delivered the key note address. In his address, he stressed on the importance of developing hands on skill in Electrical Machine Maintenance for reliable machine operation. FDP co-coordinator Mr Deepesh Kanchan Assistant Professor, Department of E&E proposed the vote of thanks.

Inaugural function was followed by the technical session that focused mainly on providing Practical knowledge and hands-on training on Electrical Machine maintenance. In the post lunch session the participants were also given an overview of preventive and breakdown maintenance practices in Electrical Machines Lab.

On 15th December 2017, Mr V Subramanian presented the importance of selection of short circuit protection devices and explained the concepts of Type 1 and Type 2 Coordination schemes. The Post lunch session consisted of hands on training with power system simulation



software E-Tap by Mr K Vasudevan. The Participants were trained on Short Circuit Analysis and Breaker sizing in Power system Lab.

On 16th December 2017, an industrial visit was organized to Karawali Switchgear Bikampady. Mr Dayesh Nayak, Design Engineer explained the participants about the manufacturing of LT panels and the Design Procedure in Cable routing and installation.

The FDP was attended by Teaching Faculty and Lab Staff from PACE Mangalore, SDMIT Ujire, KVGCE Sullia, MKIT Kundapur and SJEC Vamanjoor,

The FDP concluded with a feedback session by the participants. The participants were presented with participation certificates. The participants appreciated the organizing team for organization of workshop for the informative training session, and hospitality.



Mr Subramanya K
FDP Coordinator

Mr Deepesh Kanchan / Ms Chaitra Shetty
FDP Co-coordinator

Dr Sheryl Grace Colaco
Professor & Head

Sheryl



ST JOSEPH ENGINEERING COLLEGE

Vamanjoor Mangaluru 575028

Karnataka State- India

3 DAY

FACULTY DEVELOPMENT PROGRAMME

ON

"ELECTRICAL SWITCH GEAR

&

MAINTENANCE"

14th - 16th DECEMBER 2017

REGISTRATION FORM

- 1. Name: Rekha. M. B
- 2. Designation: Asst. Professor
- 3. Department: Electrical & Electronics Engg
- 4. Address: KVG College of Engineering
Sullia. D.K. 574397
- 5. Mobile No.: 9591554001
- 6. Email ID: Sambhramashankar@gmail.com
- 7. Details of Electronic Fund Transfer

CTR Number:

8. Accommodation:

Required

Not required

9. Place and Date

Rekha

Signature

10. Name of the Deputing Authority:

Sambhram

Signature and Seal

PROF. & HEAD

DEPT. OF E & EE

K. V. G. COLLEGE OF ENGG.

SULLIA D.K. 574 397

TOPICS COVERED:

- Hands on training with Motor Generator Maintenance.
- Hands on Training with Breaker sizing and relay coordination with E TAP.
- Industry based Seminar on Relays and Protection Schemes .
- Field Visit to Karavali Switch Gear Bikampady



RESOURCE PERSONS:

- Mr C. H. Ganesh Bhat, Consultant and Chartered Engineer, Mysuru.
- Mr V. Subramanian, Senior Faculty, L&T Switch Gear Training Center Cunnor.
- Mr K. Vasudevan Senior Manager, ETAP Automations, Mumbai.
- Mr Srinivas, Engineer, Karavali Switch Gear Bikampady Mangaluru.

WHO CAN ATTEND:

Faculty, Foreman, Technicians of Diploma and Engineering colleges.

FACULTY DEVELOPMENT PROGRAMME
ON

"POWER AND ENERGY SYSTEMS"

19th - 28th JUNE 2017

PROGRAMME SCHEDULE

DAY DATE	TIMINGS	TOPIC	RESOURCE PERSON
DAY -1 19-6-2017	8:30AM – 09:00AM	REGISTRATION	
	09:00AM - 09:45AM	INAUGURATION	
	10:00AM - 10:30AM	KEY NOTE ADDRESS	MR. Sudipta Ghosh, AGM – OPERATIONS SELCO INDIA
	10:30AM - 10:45AM	TEA BREAK	
	10:45AM – 01:00PM	AN OVERVIEW OF ENERGY , RENEWABLE ENERGY SOURCES	DR. H. NAGANAGOUDA, DIRECTOR NTCST
	02:00PM – 04:30PM	SOLAR ENERGY AND WIND-SOLAR HYBRID SYSTEM	DR. H. NAGANAGOUDA, DIRECTOR NTCST
DAY - 2 20-6-2017	9:00AM – 11:00AM	DEMONSTRATION OF SOLAR INSTALLATION WITH DATA COLLECTION	DR. H. NAGANAGOUDA, DIRECTOR NTCST
	11:00AM – 01:00PM	CASE STUDIES – HANDS ON TRAINING	DR. H. NAGANAGOUDA, DIRECTOR NTCST
	02:00PM – 04:30PM	DESIGN OF ROOFTOP SOLAR POWER PLANTS STANDALONE SYSTEM AND GRID CONNECTED WITH NET METERING	DR. H. NAGANAGOUDA, DIRECTOR NTCST
DAY -3 21-6-2017	09:00AM – 01:00PM	FUNDAMENTALS OF INVERTER , TYPES, DESIGN / SIZING OF INVERTERS, CHARGE CONTROLLERS	MR. SHYAM SUNDAR DIRECTOR, STUDER INNOTECH INDIA PVT LTD
	02:00PM – 04:30PM	DESIGN OF SOLAR PVGRID CONNECTED POWER PLANTS	DR. H. NAGANAGOUDA, DIRECTOR NTCST
DAY -4 22-6-2017	09:00AM – 01:00PM	EARTHING OF SOLAR PLANTS AND LIGHTING SYSTEMS	MR. H. JAYAKUMAR, RETD JOINT DIRECTOR CPRI
	02:00PM – 04:30PM	BATTERIES AND ITS APPLICATIONS	MR. M.K NARAYAN, GM(RETD), EXCIDE BATTERIES

DAY -5 23-6-2017	09:00AM – 01:00PM	MATLAB PROGRAMMING BASICS AND MODEL BASED DESIGN USING SIMULINK	MR. PRAMOD KUMAR NAIK, SENIOR APPLICATION ENGINEER, COREL TECHNOLOGIES
	02:00PM – 04:30PM	CONTROL SYSTEM DESIGN & ANALYSIS AND SIMSCAPE POWER SYSTEMS	MR. PRAMOD KUMAR NAIK, SENIOR APPLICATION ENGINEER, COREL TECHNOLOGIES
DAY -6 24-6-2017	9:00AM – 4:00PM	FIELD VISIT	MR. K S PAI, MD, VIJAYA SOLAR
DAY -7 25-6-2017		SUNDAY	
DAY -8 26-6-2017		RAMADAN	
DAY -9 27-6-2017	9:00AM – 11:00AM	DISTRIBUTED POWER GENERATION AND MICRO GRIDS	MR. GANESH SHANKAR, MD, FLUXGEN ENGG. TECHNOLOGIES
	11:00AM – 01:00PM	LOAD FLOW ANALYSIS AND BREAKER SIZING WITH ETAP	MR. K VASUDEVAN, SENIOR MANAGER, ETAP AUTOMATIONS.
	02:00PM – 04:30PM	HARMONIC ANALYSIS AND MOTOR START – STOP ANALYSIS WITH ETAP, INSULATION COORDINATION WITH PSCAD	MR. K VASUDEVAN, SENIOR MANAGER, ETAP AUTOMATIONS.
DAY -10 28-6-2017	9:00AM – 10:30AM	CAPTIVE POWER GENERATION IN PROCESS PLANTS	MR. T K NAGARAJ RAO, SENIOR MANAGER, ELECTRICAL MAINTENENCE, MRPL
	10:45AM – 12:30PM	INNOVATIVE COMMUNITY BASED PROJECTS	MR. ALRIC D'SOUZA, SENIOR MANAGER, SELCO FOUNDATION, RURAL COMMUNITY LAB, MANIPAL
	12:30PM – 1:00PM	VALEDICTORY	



**ST. JOSEPH ENGINEERING COLLEGE, VAMANJOOR
MANGALURU-575028**

The Department of
Electrical and Electronics Engineering

Cordially Invites You For

Inaugural function of domain related

Faculty Development Programme

on

“Power and Energy Systems”

Chief Guest:

Mr. Sudipta Ghosh,
AGM – Operations
SELCO INDIA

Guest Of Honour

Dr.H.Nagana Gouda
Director
NTCST, KPCL

On Monday- 19th June 2017, at 9:30 a.m

Venue: Fr Fred memorial Hall, Academic Block-I.

Kindly Grace the Function with Your Presence

Mr. Deepesh S K /Mr Rolen Rodrigues
Faculty Coordinators

Dr. Sheryl Grace Colaco
Professor and Head



Faculty Development Programme on "Power & Energy Systems"



The 10 day FDP on "Power and Energy Systems" was organized by the Department of Electrical and Electronics Engineering in association with National Training Centre for Solar Technology, KPCL, Bengaluru from 19th to 28th June 2017.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
(UG Programme Accredited by National Board of Accreditation)
ST JOSEPH ENGINEERING COLLEGE, VAMANJOOR

Report on 10 Day FDP on “Power and Energy Systems”.

The 10 day FDP on “Power and Energy Systems” was organized by the Department of Electrical and Electronics Engineering in association with National Training Centre for Solar Technology, KPCL, Bengaluru from 19th to 28th June 2017. This was one of the biggest event organized the Department of Electrical and Electronics Engineering till date and it attracted participants from NITK, MIT, NMAMIT, GSSIETW, SDMIT and NMPT. It had an impressive list of resource personnel like Dr H. Naganagouda, Director NTCST, Mr Shyam Sundar Director, Studer Innotech India Pvt Ltd, Mr H. Jayakumar, Retd Joint Director CPRI, Mr M.K Narayan, GM(Retd), Excide Batteries, Mr Pramod Kumar Naik, Senior Application Engineer, Corel Technologies, Mr K S Pai, MD, Vijaya Solar Plant, Mr Shravanth Vasisht, Research Fellow, IISc Bangalore, Mr K Vasudevan, Senior Manager, ETAP Automations, Mr T K Nagaraj Rao, Senior Manager, Electrical Maintenance, MRPL and Mr Alric D’souza, Senior Manager, SELCO Foundation, Rural Community Lab, Manipal.

The inaugural function was presided over by the Former Director Rev. Fr Joseph J Lobo on 19th June 2017 at 9:30am in Fr Fred Memorial Seminar Hall. The Chief Guest and the Key note Speaker was Mr Sudipta Ghosh, AGM Operations, SELCO India and the Guest of Honour was Dr Naganagouda, Director NTCST. The inaugural function was also graced by the Director Rev Fr Wilfred Prakash D’Souza, Dr Joseph Gonsalvis, Principal SJEC, Dr Sheryl Grace Colaco, Professor and Head, EEE and FDP Coordinators Mr Deepesh S K & Mr Rolan Rodrigues.

The inaugural function was followed by technical sessions on An Overview of Energy, Renewable Energy Sources in forenoon and Solar Energy & Wind-Solar Hybrid System in afternoon by Dr Naganagouda. Day 2 forenoon had technical session on Demonstration of Solar Installation with Data Collection and Design of Rooftop Solar Power Plants Standalone System and Grid Connected with Net Metering by Dr Naganagouda followed by Field Visit to 4MW Solar Power Plant at NMPT, Panambur in the afternoon session. Day 3 Forenoon had a technical session on Fundamentals of Inverter, Types, Design / Sizing of Inverters, Charge Controllers by Mr Shyam Sundar followed by a session on Design of Solar PV grid Connected Power Plants by Dr Naganagouda in the afternoon. Day 4 Forenoon had a technical session on Earthing of Solar Plants and Lighting Systems by Mr H. Jayakumar followed by a session on Batteries and its Applications by Mr M.K Narayan in the afternoon. Day 5 had hands on sessions with MATLAB 2017a by Mr Pramod Kumar Naik, Senior Application Engineer, Corel Technologies on MATLAB Programming Basics & Model Based Design Using Simulink and Control System Design & Analysis and Simscape Power Systems. Day 6 had field visit to Vijaya Solar Plant, Katpadi where the participants got information on the manufacturing plant of solar water heaters and rooftop solar power plant from Mr Vinay Kumar, Engineer, Vijaya Solar Plant. Day 7 and 8

were public holidays on account of Sunday and Ramadan. Day 9 forenoon had a technical session on Projects with rooftop solar panels in Indian railways by Mr Shrvanth Vasisht, this was followed by seminar on Recent Power System Simulation Tools and Hands on Session with ETAP and PSCAD by Mr K Vasudevan in the afternoon. Day 10 had a technical session on innovative community based projects by Mr Alric D'souza, followed by a seminar on Captive Power Generation in Process Plants by Mr T K Nagaraj Rao.

Day 10 ended with a valedictory function where the delegates gave their feedback on the FDP. All the participants appreciated the efforts put by the organizing team and the resource personnel of the FDP. The function concluded by the distribution of participation certificates by the Chief Guest Mr T K Nagaraj Rao. The organizers thank the SJEC Management for all their support and guidance in the smooth conduction of the domain related FDP.

Submitted By

Mr Deepesh S K & Mr Rolen Rodrigues

Date: 01/07/2017

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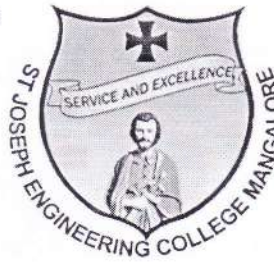
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Submitted By

Mr Deepesh S K & Mr Rolen Rodrigues

Date: 01/07/2017



**ST. JOSEPH ENGINEERING COLLEGE, VAMANJOOR
MANGALURU-575028**

Department of Electrical and Electronics Engg

Cordially Invites You For The

Inaugural function of Domain Related FDP

on

ELECTRICAL SWITCHGEAR & MAINTENANCE

Chief Guest

Mr C H Ganesh Bhat

Consultant & Chartered Engineer, Mysuru

Rev Fr Wilfred Prakash D'Souza

Director, SJEC

Will preside over the function

Rev Fr Rohith D'Costa

Assistant Director, SJEC

Dr Joseph Gonsalvis

Principal, SJEC

Dr Rio D'Souza

Vice Principal, SJEC

Will be the Guest of Honour

On Thursday 14th December 2017 @ 9.30 a.m

Fr Fred memorial Hall, Academic Block-I

Kindly Grace the Function with Your Presence

Mr Subramanya K
Convener

Mr Deepesh SK & Ms Chaithra S
Co Conveners

Dr Sheryl Colaco
HOD-E&E

PROGRAM SCHEDULE

Thursday- 14th December 2017 @ 9.30 a.m
Fr Fred memorial Hall, Academic Block-I.

- INVOCATION
- LIGHTING THE LAMP
- WELCOME ADDRESS BY THE CONVENER
- ADDRESS BY THE CHIEF GUEST
- ADDRESS BY THE PRINCIPAL
- PRESENTATION OF MEMENTOE TO THE CHIEF
GUEST
- ADDRESS BY THE DIRECTOR
- VOTE OF THANKS BY THE CO-CONVENER

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
(Accredited By National Board of Accreditation)
ST JOSEPH ENGINEERING COLLEGE, VAMANJOOR MANGALURU

FDP- Report

The Department of Electrical & Electronics Engineering had organized a three day National Level Faculty Development Programme on “Electrical Switchgear and Maintenance” from 14th to 16th December 2017. The resource persons for the FDP were **Mr C H Ganapathi Bhat**, Technical Consultant Mysuru,. **Mr V Subramanian**, Senior Faculty, L&T Switchgear Training Center Cunoor and **Mr K Vasudevan**, Senior Manager, E-Tap Automations Pvt Ltd Mumbai. The objective of this FDP was to provide 1. knowledge on state of the art technology in Switch gear and Protection Schemes, 2. Maintenance practices, 3. Hands on training with recent power system simulation software tools, 4. Improve Industry Institute Interaction.

On 14th December 2017, the inaugural function was presided over by Rev. Fr Wifred Prakash D’Souza, Director, SJEC. The event by was inaugurated by lighting the lamp. FDP coordinator Mr Subramanya K, Assistant Professor, Department of E&E welcomed the gathering. The Chief guest, Mr C H Ganapathi Bhat, delivered the key note address. In his address, he stressed on the importance of developing hands on skill in Electrical Machine Maintenance for reliable machine operation. FDP co-coordinator Mr Deepesh Kanchan Assistant Professor, Department of E&E proposed the vote of thanks.

Inaugural function was followed by the technical session that focused mainly on providing Practical knowledge and hands-on training on Electrical Machine maintenance. In the post lunch session the participants were also given an overview of preventive and breakdown maintenance practices in Electrical Machines Lab.

On 15th December 2017, Mr V Subramanian presented the importance of selection of short circuit protection devices and explained the concepts of Type 1 and Type 2 Coordination schemes. The Post lunch session consisted of hands on training with power system simulation

slm

software E-Tap by Mr K Vasudevan. The Participants were trained on Short Circuit Analysis and Breaker sizing in Power system Lab.

On 16th December 2017, an industrial visit was organized to Karawali Switchgear Bikampady. Mr Dayesh Nayak, Design Engineer explained the participants about the manufacturing of LT panels and the Design Procedure in Cable routing and installation.

The FDP was attended by Teaching Faculty and Lab Staff from PACE Mangalore, SDMIT Ujire, KVGCE Sullia, MKIT Kundapur and SJEC Vamanjoor,

The FDP concluded with a feedback session by the participants. The participants were presented with participation certificates. The participants appreciated the organizing team for organization of workshop for the informative training session, and hospitality.



Mr Subramanya K
FDP Coordinator

Mr Deepesh Kanchan / Ms Chaitra Shetty
FDP Co-coordinator

Dr Sheryl Grace Colaco
Professor & Head

Sheryl

EEE : FDP on Electrical Switchgear and Maintenance

Dec 14, 2017 - Dec 16, 2017

The Department of Electrical & Electronics Engineering organized a three day National Level Faculty Development Programme on "Electrical Switchgear and Maintenance" from 14th to 16th December 2017. The resource persons for the FDP included Mr C H Ganapathi Bhat, Technical Consultant, Mysuru, Mr V Subramanian, Senior Faculty, L&T Switchgear Training Center, Coonor and Mr K Vasudevan, Senior Manager, ETAP Automations Pvt. Ltd, Mumbai.

The objective of this FDP was to provide knowledge on state of the art technology in Switchgear and Protection Schemes. Give the audience a view of the industry maintenance practices and hands-on training in recent power system simulation tools as well as improve Industry-Institute interactions.

The inaugural function was conducted on 14th December, 2017 and was presided over by Rev. Fr Wilfred Prakash D'Souza, Director, SJEC. The event was inaugurated by lighting the lamp. FDP coordinator Mr Subramanya K, Assistant Professor, Department of E&E welcomed the gathering. The Chief Guest, Mr C H Ganapathi Bhat, delivered the keynote address. In his address, he stressed on the importance of developing hands-on skill in Electrical Machine Maintenance for reliable machine operation. FDP co-coordinator Mr Deepesh Kanchan, Assistant Professor, Department of E&E proposed the vote of thanks. The inaugural function was followed by a technical session that focused mainly on providing practical knowledge and hands-on training on Electrical Machine Maintenance. In the post lunch session the participants were given an overview of preventive and breakdown maintenance practices in Electrical Machines Lab.

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**Department of Electrical & Electronics Engineering
ST JOSEPH ENGINEERING COLLEGE, VAMANJOOR
MANGALURU-575028**

*Cordially Invites You to the Inaugural Function of Domain Related FDP on
“New and Renewable Energy Systems”*

on

Tuesday 14th June 2016 at 9:30am in the Fr. Fred Seminar Hall.

Rev. Fr. Joseph Lobo

Director-SJEC

will preside over the function

Ms. Santhi Devadu

Programme Manager, Education Lab-SELCO, India

will be the Guest of Honour

Kindly grace the function with your esteemed presence

**Mr.Sathisha K. & Mr. Deepesh S. K.
Programme Coordinators**

**Dr.Joseph Gonsalvis
Principal & HOD In-charge**

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PRINCIPAL
ST. JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALORE - 575 028
KARNATAKA, INDIA

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

(Accredited by NBA)

ST JOSEPH ENGINEERING COLLEGE

Date: 16/06/2016

REPORT ON DOMAIN RELATED FDP

The department of E&E has organized a two day FDP on "New and Renewable Energy Systems" from 14th -15th June 2016. A six member resource team from SELCO foundation had visited the SJEC campus. The team was led by Ms Santhi Devadu, Program Manager, Education labs, SELCO foundation, Bengaluru.

The inaugural function was presided over by Rev Fr Rohith D'Costa, Assistant Director, SJEC. He inaugurated the two day event by switching on the solar powered lighting system. Mr. Deepesh Kanchan, FDP co-ordinator welcomed the dignitaries and introduced the guest of honour. The guest of honour for this function was Ms Santhi Devadu who delivered the key note address. Dr Joseph Gonsalvis, Principal & HOD In-charge (E&E) addressed the gathering and inspired the participants with words of wisdom regarding renewable energy sources. Dr Rio D Souza, Vice Principal felicitated the guest of honour with a memento. Mr Sathisha K, FDP co-ordinator proposed the vote of thanks.

The pre-lunch morning sessions consisted of interactive seminars on AC & DC systems used by SELCO. These sessions were conducted by Mr Senthil A Kumar, Program Manager – Projects and Mr Deepayen Sarkar, Projects–Head of SELCO India. The post lunch session had a practical demonstration of the inverter system used by a stand-alone solar lighting equipment. This was demonstrated by Mr Senthil A Kumar & Mr Praveen J, Marketing & Sales Head, SELCO Manipal. The final session on day 1 was on need based analysis, demonstrated by recent SELCO projects. The resource person for this session was Ms Santhi Devadu.

Day 2 of the FDP consisted of a field visit in the morning session to SELCO installations in the neighborhood of Mangaluru. The participants boarded the college bus at 9.30am and were taken to the residence of Mr Chethan Bhat near akash bhavan, Kavoor to demonstrate the installation of a grid connected solar system. This was followed by a visit to a tenant residential area near Panambur beach which demonstrated a roof-top solar installation. This was a government funded SELCO project which gave the participants an idea about need based analysis. The post lunch session on day 2 consisted of a seminar on Energy Loss & Energy Auditing by Mr Upendra Kini,

Ex-SEE, HRD & Training, MESCOM. This interactive session was very interesting as it gave an in depth knowledge of field problems in the power distribution sytem.

The FDP ended with the feedback given by participants. Mr John Valder, HOD, Department of E&E, PACE, Mangaluru, spoke on this occasion and said that the technical content given during the FDP and the hospitality provided to the external participants were very good. The participants were given certificates by Mr Upendra Kini. Mr Kini was felicitated with a memento by Mr Subramanya K, Assistant Professor, Department of E&E. The participants thanked the organizing team for their hospitality and sharing the knowledge on solar energy systems.

Submitted by



Mr Sathisha K

FDP Coordinator

Faculty Development Program

"New and Renewable Energy Systems"

Objectives:

- Motivating Faculty Members to pursue Research work in the area of "New and Renewable Energy Systems".
- Providing Hands on training in the use of Equipments Related to Solar Energy.
- Providing Knowledge on Recent Topics in the area of Power & Energy Systems.
- Developing Skills of Team work & Project management through field visit.

Day1

Resource Person

"Trainer from From SELCO India"

Day2

Resource person

"Senior Executive Engineer from MESCOM"

Faculty Development Program

Contact Details:

(Staff Coordinators)

Mr. Sathisha K
sathishak@sjec.ac.in
Ph No: 9945990591

Mr. Deepesh S K
Email: deepeshk@sjec.ac.in
Ph No.9886220134



ST. JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALURU

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING



ST. JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALURU

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

Faculty Development Program

Theme: "New and Renewable Energy Systems"



Date: 14th to 15th June, 2016
Venue: Fr. Fred Seminar Hall

Faculty Development Program

Day 1

14th June, 2016

(9:30 a.m to 4:30 p.m)

Resource Person

“Trainer from From SELCO India”

- The concept and importance of Energy
- Overview of the Energy situation and issues of Energy access
- A brief overview of the SELCO model
- Design aspects of Solar based DC systems
- Design aspects of Solar based AC systems
- Solution approach to design
- Importance of Energy Efficiency and mapping.

Faculty Development Program

Day 2

15th June, 2016

9:30a.m to 1:00p.m: Field visit in and around Mangaluru

2:00p.m to 4:30p.m: Interactive session on “Energy auditing”

Resource person

“Senior Executive Engineer from MESCOM”



Faculty Development Program

Registration and contact Details:

- The registration fee per participant is Rs.500/-.
- The registration fee should be paid on or before 14th June, 2016
- The candidates interested in registering for the FDP can post their queries to

Staff Coordinators

Mr. Sathisha K

Email id: sathishak@sjec.ac.in

Contact No. 9945990591

&

Mr. Deepesh S K

Email id:deepeshk@sjec.ac.in

Contact No.9886220134.

Two-Day Faculty Development Program on Goods and Services Tax (GST)

Aug 10, 2017 - Aug 11, 2017 @ 10:00 AM

The biggest Tax reform in our country - GST having become a reality, has tremendous implication on Indian economy. The unified tax regime has brought in substantial changes in the day-to-day business transactions.

With a view to create an enhanced understanding of GST framework and its effect on economy and industry sectors, The Department of Business Administration at St Joseph Engineering College – Vamanjoor, Mangaluru, has organized a two days FDP for the benefit of all faculty members of Undergraduate and Post graduate programmes across institutions in Mangaluru and neighboring regions.

Dr. Prakash Pinto, Dean, Department of Business Administration, welcomed the august gathering and thanked the dignitaries for their support and cooperation in educating the community on GST. Chief Guest of the function, Capt. Shambhu Bhat, Deputy Commissioner, Commercial Taxes, Mangaluru in his inaugural address remarked about the paradigm shift in taxation system in India and the complexities associated with it. Guest of Honour, Mr. B N Rame Gowda, Deputy Commissioner, Commercial Taxes highlighted the mental diversity among taxpayers in India and other developed countries. He also stressed the importance of paying taxes for growth of economy. Dr Joseph Gonsalvis, Principal, SJEC gave an insight on historical developments in taxation in India. Rev. Fr Wilfred Prakash Dsouza, Director-SJEC presided over the inauguration and expressed the concerns of challenges in implementation of GST. Ms Acharya Chitralkha, Asst Professor, Department of Business Administration conveyed vote of thanks.



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VAMANJOOR, MANGALORE - 575 028
KARNATAKA, INDIA

3rd March, 2018

Workshop on “New Age Skills for Excellence in Teaching”

A Workshop on “New Age Skills for Excellence in Teaching” was organized by Department of Business Administration on 3rd March, 2018 at Bethania Hall, SJEC. Mr. Praveen Kamath, General Manager & Head of HR for Technology Practice Units of Wipro Limited was the Resource Person who addressed the faculty members of SJEC.

Mr. Praveen Kamath spoke on the practices of effective Teachers. A teacher should be shameless to pick up learning. He said “never do teaching as your work”, “Don’t change institutions, change yourself”. He put forth ten skills required for a teacher namely; geek, innovative, social, technology enthusiast, commitment, preparation, organization, tolerance, storytelling and a teacher should be open for questions. Teachers should also have the quality of Sensing, Watching, Doing and Thinking.

Towards the end of the workshop, Mr. Praveen Kamath distributed the certificates to the participants and Dr Rio D’Souza, Vice Principal felicitated Mr Praveen Kamath with a Memento.



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KARNATAKA, INDIA

A report on Faculty Development Programme on “Case Method of Teaching & Case Writing” organized by Department of Business Administration on 12/07/2016.

A One day Faculty Development Programme on “Case Method of Teaching & Case Writing” was organized by Department of Business Administration on Tuesday, 12th July 2016. The resource persons were Professor B.V.Raghunandhan, Retired Professor of Commerce Department, SVS College, Bantwal and Prof.K.Rajasekharan Pillai, Professor, School of Management, Manipal University.

The morning session was handled by Professor B.V.Raghunandhan on “Case Method of Teaching” which is very much necessary in class room teaching. The resource person enlightened the participants on various issues which can be brought up as a “Case” and can be discussed in the classrooms. He focused on related topics likes ‘how to present a case study’, ‘how to form groups for analyzing a case’, ‘problems to be tackled while analyzing a case’, etc. His presentation was very extensive and informative to the audience.

The afternoon session was handled by Prof.K.Rajasekharan Pillai, on “Case Writing” and demonstrated various cases from different journals including Harvard cases. The resource person spoke on the matters relating to the ‘contents of a case study’, ‘teaching notes’, writing skills and the perseverance required for the author while writing a case study. Participants had many queries to which he responded appropriately.

Faculty from Dakshina Kannada, Udupi District and Bengaluru colleges participated in the programme. In total there were 45 faculty participants. Dr.Prakash Pinto, Dean & FDP-chair welcomed the gathering and Assistant Professor & organizing Secretary K.Manjula proposed the vote of thanks.



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Management Development Programme (MDP) on Tourism and Hospitality: Marketing and Growth Prospects with reference to Dakshina Kannada

A day-long management development programme (MDP) on Tourism and Hospitality: Marketing and Growth Prospects with reference to Dakshina Kannada, was organized by the department of Business Administration at St Joseph Engineering College – Vamanjoor, Mangaluru on March 24.

The programme commenced at 9:30 am and was inaugurated by Eulalia D’Souza, proprietor of Lia Travels, Mangaluru. She spoke about tourism in Dakshina Kannada and told how tourism adds revenue to different businesses and facilitates the growth of the local, regional and national economy. Fr Wilfred Prakash D’Souza, director, SJEC, presided over the inaugural Ceremony and Dr Joseph Gonsalves, Principal was the guest of honour. Dr Prakash Pinto, dean of MBA at SJEC welcomed the gathering and Dr Anjali Ganesh, professor in the department of Business Administration, SJEC delivered vote of thanks.

The other resource persons who spoke in the programme were Allen C A Pereira, former CMD of Bank of Maharashtra; Nownith Kumar, traffic manager, NMPT, and Peter Nirmal, general manager, Taj Gateway. Each of these resource persons highlighted the role played by hospitality and tourism in the economy in generating the employment both directly and indirectly. The stressed upon the fact that tourism and hospitality being an important services sector is an ever growing sector that contributes to the growth of GDP of our nation. Around 43 participants from different travel agencies, hotels and colleges participated and deliberated intensely on the challenges and opportunities in Tourism and Hospitality.



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DEPARTMENT OF BUSINESS ADMINISTRATION

Organizes

CAPACITY BUILDING PROGRAMME

on

TECHNOLOGY ENABLED CLASSROOM

MARCH 16, 2019

09:00 AM - 04:00 PM

MBA LAB

7th Floor

Academic Block - III

SJEC

1

Personal Website

E-Portfolio for Teachers
Using Google Sites

2

Course Webpage

Connect, Control & Track
Using Google Classroom

3

Schedule Events

Organize, Schedule & Share
Using Google Calender

Registration Details:

* Number of Participants is limited to 50 (First Come First Serve basis).

* Registration Fee of **Rs 250/-** should be paid at the registration desk during the day of the event (includes Working Lunch and Registration Kit).

* Registration is open to all Faculty members of Post Graduate & Under Graduate courses of all disciplines.

* Last Date of confirmation is **March 14, 2019**.

* You may also confirm your participation through the following link:

Address for Communication:

Dr Prakash Pinto

Professor & Dean MBA

Department of Business Administration

St Joseph Engineering College

Vamanjoor, Mangaluru - 575 028

Mobile: +91 9481505974

E-mail: dean.mba@sjec.ac.in

Tel: +91 824 2263753/54/55/56 Extn: 136

<http://bit.ly/SJEC-CBP-TEC-2019>

MDP on “Leadership Skills for Women Entrepreneurs”

One day Management Development Programme on “Leadership Skills for Women Entrepreneurs” was organized by the Department of Business Administration, St Joseph Engineering College, Vamanjoor, Mangaluru as on 18th January, 2019 at Spoorthi Conference Hall. The programme commenced at 9.30am and was inaugurated by Ms. Shipra Rai, Entrepreneur of Sprindrift and Thymes Restaurant and also HR Manager at Mphasis, Mangaluru.

The dignitaries on the dais were Ms. Shipra Rai-Chief Guest, Rev. Fr Wilfred Prakash D’Souza-President, Fr. Glenn Kohrman, Pastor, Indiana, Dr Sudheer M- Incharge Principal and Rev Fr Rohith D’Costa-Assistant Director as the guests of honour, Dr Prakash Pinto, Dean-MBA, Ms K.Manjula Faculty Convener-MDP were present in the inaugural ceremony.

The Resource person for the first session was Ms. Shipra Rai who spoke on her life’s Journey as a women entrepreneur. The topic covered under second session was “various schemes available for women entrepreneurs” and the speaker was Mr. A.R. Nagesh, Senior Manager (Technical), KSFC, Mangaluru. After lunch break, the third session commenced at 2.00pm. The Resource Person Ms. Renu Jayaram, Entrepreneur-Jayadev Motors, Manipal spoke on “Key Skills for successful Women Entrepreneurs”. The last session was on the topic “Challenges and problems faced by women entrepreneurs” and the speaker was Ms.Vathika Pai, Entrepreneur of Nirmala Travels and IPP of KCCI, Mangaluru.



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MBA: Capacity Building Program (CDP) on ‘Technology Enabled Classroom’ -16-03-2019

The Department of Business Administration, St Joseph Engineering College organised one day Capacity Building Program(CBP) on ‘Technology Enabled Classroom’ on 16th March 2019 for faculty members of Post Graduate & Under Graduate colleges of all disciplines. Mr. Ragesh Raju, Asst Professor, Department of Computer Applications, SJEC was the Resource Person for all the sessions. The session began at 9.30 am in the MBA Computer Lab. Dr Prakash Pinto- Dean MBA welcomed the resource person and the participants to the program.

The morning session was on Personal Website-E-Portfolio using Google Sites. Mr Ragesh Raju began the morning session on ‘Writing Statement of Teaching Philosophy’. Later he provided detailed hands on explanation on creating personal website using google sites. The participants actively involved in the creation of personal website and at the end of the morning session most of the participants were able to create their own personal webpage.

Post lunch session began with the Principal, SJEC Dr Rio D’Souza addressing the participants. He emphasised the need for technology enabled classrooms. He said that the millennials of this generation are tech savvy and they expect quick results. Hence, in order to meet their expectations, the teachers today should adopt modern technical tools in class room teachings. He congratulated MBA department for organising such a thoughtful program and thanked the participants for their active participation. Later, during the session the participants had hands on experience on Google Class Room and designing course webpage.

At the end of the program, on behalf of the participants, Prof. Chethan, Asst Professor, A J Institute of Management and Prof. Ajaya, Asst Professor, GFGC, Mudipu expressed their gratitude to the organisers for giving an opportunity to participate in the program which is the need of the hour. Dr Prakash Pinto thanked the Resource Person Mr Ragesh Raju for his selfless service to the Department of MBA in organising the program and expressed deep sense of gratitude to all the participants for their overwhelming response to the program. A total of 39 post graduate and under graduate faculty members in and around Mangalore city attended the one day Capacity Building Program.



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St Joseph Engineering College

Vamanjoor, Mangaluru - 575 028, Karnataka, India

Invitation

**Departments of
Computer Applications and
Computer Science & Engineering**

Cordially invite you to the Inaugural of

Infosys Campus Connect

Faculty Enablement Program (FEP)

on

Foundation Program (FP) 5.0

*On Monday, August 6, 2018 at 9:00 a.m. in the
Bishop Aloysius Paul Conference Hall, II Floor, Academic Block II*

Mr Hari S

Lead-ETA, Infosys Trivandrum Development Centre

will grace the occasion as the Chief Guest

Rev. Fr Rohith D'Costa

Assistant Director, SJEC

Dr Rio D'Souza

Principal, SJEC

will be the Guests of Honour

Rev. Fr Wilfred Prakash D'Souza

Director, SJEC

will preside over the programme

Kindly grace the occasion with your esteemed presence



Ms Sumangala N
HOD-MCA

Mr Sathyendra Bhat J
SPoC-Infosys Campus Connect

Department of Computer Applications
St Joseph Engineering College

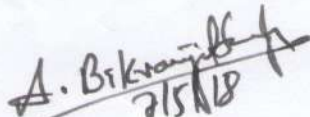
Ref: SJEC/MCA/2018/73

Date: 7 May 2018

NOTICE

TechnoCrats, the students association of our department will be conducting a workshop on Android Application Development, from 9:00 AM to 5:00 PM on 8th and 9th May 2018, in association with ISTE SJEC Students Chapter for the students of our department. This event is intended to initiate an urge among MCA students to seriously get into Mobile Application Development using Android. The workshop will be held at MBA Lab (Room No: 3207), II Floor, Academic Block-III.

As it is going to be a very useful workshop, all the faculty and students of MCA Department are requested to attend the same on both the days, without fail. Attendance of both staff and students will be recorded at the venue.


A. Brkranjic
21/5/18
Coordinator-ISTE


I/C HOD-MCA

Copy to: Mr Subramanya K/Student NB/Staff NB/ ISTE File

To be read out in II and IV Semester MCA classrooms

To be circulated among all staff members of MCA department

●●●●● FDP

75%

**Two Days Faculty Development Programme
on
Interface Design - Beyond the Campus
24th - 25th January 2017
Registration Form**

Name :

Affiliation :

Department :

Mobile No. :

Phone (O):

Email ID :

Certified that the above information is true and correct to the best of my knowledge and belief.

Signature of the Applicant

Endorsement by the Head of the Institution

Note:

Kindly register through the following link:
<http://tinyurl.com/SJEC-FDP-UID-Jan-2017>

or Scan the QR



Please return the signed hard copy to coordinator on first day of the workshop.



PATRONS

Rev. Fr Joseph J Lobo
Director, SJEC

Rev. Fr Rohith D'Costa
Assistant Director, SJEC

ADVISORS

Dr Joseph Gonsalvis
Principal, SJEC

Dr Rio D'Souza
Vice Principal, SJEC

ORGANIZING COMMITTEE

Ms Sumangala N
I/C HOD-MCA

Mr Ragesh Raju
Assistant Professor & FDP Convenor

ADDRESS FOR COMMUNICATION

Mr Ragesh Raju
Assistant Professor
Department of Computer Applications,
St Joseph Engineering College,
Vamanjoor, Mangaluru - 28
Mob. No.: +91 99 168 168 02
E-mail: rageshr@sjec.ac.in
Tel. : +91 824 2263753/54/55/56, Extn.: 142

●●●●● FDP

75%

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**TWO DAYS
FACULTY DEVELOPMENT PROGRAMME**

on
**INTERFACE DESIGN -
BEYOND THE CAMPUS**

24th - 25th January 2017

Organized by
Department of Computer Applications

St Joseph Engineering College

SJEC was established in the year 2002 with a motto of "Service and Excellence" and is affiliated to Visvesvaraya Technological University, Belgaavi. The Institute is recognized by the All India Council for Technical Education (AICTE), New Delhi and four B.E.(CSE,ECE,EEE& ME) programmes are accredited by the National Board of Accreditation (NBA).

The Institute is conveniently located in a lush green campus and is one of the most sought after Institute for Engineering and Management education under VTU. The Institute offers best in class infrastructure and employ highly trained staff. The institute caters to more than 2300 students under various programmes at Undergraduate and Postgraduate levels. The placement status at SJEC is the best among VTU institutions of the region with 300 plus campus placements every year. The College provides for a wide variety of co-curricular and extra-curricular activities which give a head-start to students, developing their personality and imparting skills of decision-making and leadership.

Department of Computer Applications

The Department was started in the year 2008 with the intake of 60 students. The Department has well established infrastructure with three working labs, one internet lab, one Departmental library with a small reading room. Department has competent and committed faculty team which encourages student development in various co-curricular activities along with their academics. Department collaborates with industries for student internship, consultancy projects and placements.

About the Programme

The workshop intends to go beyond theory and give you a peek into how user interface design happens in practice. Digital products are usually created in the context of a user interface. But the UI is only a medium to deliver the service to the user. A good UI is usually the result of a product thinking approach. Product thinking involves empathising with the users, understanding their needs, problems and solving them. And the result will be a product experience that the users will love. While working in companies that are on a rapid innovation path, product thinking can be a valuable asset for any engineer as much as it is for a designer. It makes user interface design more meaningful.

Resource Person



Mr Rajaram Shetty

Director, User Experience,
CodeCraft Technologies Private. Ltd.

Rajaram has over 10 years of global work experience in the field of UX design. At CodeCraft, his team of user experience designers work collaboratively with 70+ engineers to build awesome mobile and web products that users love. In the past he has worked in companies like Bosch, Obopay Mobile Technologies and OnMobile Global. He has been involved in user research conducted in collaboration with CARS, Stanford University and has several US design patents for HMI concepts related to self-driving cars.

Sessions

Day 1

- Product thinking fundamentals
- Best Practices
- Workshop

Day 2

- UI design fundamentals
- Best Practices
- Workshop

Intended Participants

Faculty members/Student delegates who are interested in design.

No Registration Fee

Registration

Registration will be done on 'First Come First Served' basis. Number of participants restricted to 30.

Last date for Registration

21st January 2017

Confirmation of Registration

23rd January 2017

Department of Computer Applications
St Joseph Engineering College

Ref: SJEC/MCA/2016/173
Date: 23rd June 2016

To
The Director
SJEC, Mangaluru

Through
The Principal
SJEC, Mangaluru

Through
The Vice Principal
SJEC, Mangaluru

Through
I/C HOD - MCA
SJEC, Mangaluru

Dear Rev Father,


Subject: Approval for conducting FDP on Mobile Application Development.

Our department is planning to conduct FDP on "Mobile Application Development". Faculty of various colleges will be invited to our campus to take part in this event. This event is expected to initiate and foster the faculty to explore the emerging industry needs.

We plan to hold this event on Tuesday, 12th July 2016. We also plan to invite speakers from nearby IT companies/reputed colleges. The total budget envisaged is around Rs 18,700/- as shown in the attached document. The estimated budget for the event is attached herewith, for your kind consideration.

We request you to kindly accord your approval for the same and oblige.


Thanking you in advance,
Yours sincerely,

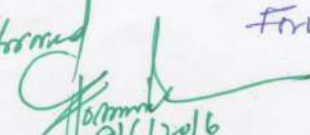

23/06/2016
Mr Ragesh Raju
Convener - MCA FDP-16

Copy to: MCA FDP-16 File


Forwarded for approval
Anand
I/C HOD - MCA
23/6/16

Forwarded


24/6/16

Approved

29/6/2016

Forwarded for approval


24/6/16

St Joseph Engineering College
Vamanjoor, Mangaluru - 575 028

Department of Computer Applications

Organizes

FDP
on
Mobile Application Development

- Chief Patron : Rev. Fr Joseph J Lobo, Director, SJEC
Patrons : Rev. Fr Rohith D`Costa, Asst Director, SJEC
Advisors : Dr Joseph Gonsalvis, Principal, SJEC
Dr Rio D`Souza,
Vice Principal/Dean MCA, SJEC
Organizing : Mrs Anushree Raj,
Secretary : In-Charge HOD, Dept of MCA, SJEC
Convener : Mr Ragesh Raju
Asst Prof., Dept of MCA,SJEC

Organizing Committee Members

- : Ms Sumangala N, Asst Prof., MCA, SJEC
: Mr A Bikramjit Singh, Asst Prof., MCA, SJEC
: Mrs Sowjanya Kamath, Asst Prof., MCA, SJEC
: Mrs Sadhana Kumble, Asst Prof., MCA, SJEC
: Mr Sathyendra Bhat, Asst Prof., MCA, SJEC
: Mr Hareesh B, Asst Prof., MCA, SJEC
: Mr Gururaja S, Asst Prof., MCA, SJEC
: Mrs Kavitha Mahesh, Asst Prof., MCA, SJEC

St Joseph Engineering College
Vamanjoor, Mangaluru - 575 028

(Affiliated to Visvesvaraya Technological
University, Belgavi)

Website: www.sjec.ac.in



Department of Computer Applications

Organizes

FDP
on
Mobile Application Development

July 12th 2016

REGISTRATION
National Conference on
Emerging Trends in Mechanical Engineering
(7th & 8th August, 2015)



Name : **ABHISHEK K AMIN**
Designation : **STUDENT**
Name of the Institution/Organization: **SJEC SAMAROHAM COMPOUND, SILVACROSS ROAD, MANGALORE - 575002**
Address : **8197806113**
Mobile no : **0824-2423739**
Phone (O) : **abhisheka.krishna@gmail.com**
Email-Id : **BE - Mech**
Qualification : **Accommodation Required: Yes/No No**
Registration Details:
Name of the bank _____ Dated **29-7-15**
Amount Rs **3000/-**

Certified that the above information is true and correct to the best of my knowledge and belief.

(Signature)

Signature of the Applicant

DECLARATION

Certified that Mr./Mrs./Ms./Dr./ **ABHISHEK K AMIN** is working in/student of this institution/college/organization since **2011** (date). He / she is permitted to attend the National Conference which will be held at SJEC, Mangaluru on 7th & 8th August, 2015.

(Signature)

Signature of the Head of the Institution
Name and designation

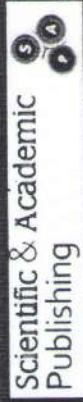
National Conference & Faculty Development Program
Emerging Trends in Mechanical Engineering



7th & 8th August, 2015

Department of Mechanical Engineering
St Joseph Engineering College
Vamanjoor, Mangaluru

Scientific & Academic Publishing
United States



CHIEF PATRON
Rev. Fr. Aloysius Paul D'Souza

PATRONS
Rev. Fr. Joseph Lobo

Rev. Fr. Ajith Menezes

Rev. Fr. Rohith D'Costa

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Dr. G.L. Samuel

Dr. D. Benny Karumakar

Prof. Vijay H. Desai

Dr. Jagadeesha T.

CHIEF ADVISOR

Dr. Joseph Gonsalvis

ADVISORS

Dr. Rio D'Souza

Dr. Prakash Pinto

Dr. Savitha H.M.

Dr. Pinto Plus A.J.

Dr. Thirumaleshwara Bhat

ORGANISING SECRETARY

Dr. Raju K.

FACULTY DEVELOPMENT PROGRAM

CONVENORS

Dr. Sudeesh M.

Dr. Pooranesh K.K.

NATIONAL CONFERENCE

CONVENORS

Dr. James Valder

Mr. Binu K.G.

Mr. Shreeanga Bhat



St Joseph Engineering College
Vamanjoor, Mangaluru

Faculty Development Program

on

Automation and Robotics

15th & 16th July, 2016

Organized By

Department of Mechanical Engineering
St Joseph Engineering College
Vamanjoor, Mangaluru - 575 028

Name:

Designation:

Name of the College and Address:

Field of Specialization:

Mobile Number:

Email ID:

Details of enclosed DD:

DD Number:

Date:

Name of the Bank:

Signature

Signature of Head of the Institution
with Seal

Most Rev. Dr Aloysius Paul D'Scuza
Bishop - Diocese of Mangaluru
President, SJEC

Patrons

Rev. Fr Joseph J. Lobo
Director, SJEC

Rev. Fr Rohith D'Costa
Assistant Director, SJEC

Advisors

Dr Joseph Gonsalvis
Principal, SJEC

Dr Rio D'Souza
Vice-Principal, SJEC

Dr Raju K.

Professor, Department of Mechanical Engineering

Dr Shreeranga Bhat

Assoc. Professor, Department of Mechanical Engineering

Dr Purushottam Chippar

Assoc. Professor, Department of Mechanical Engineering

Organizing Secretary

Dr Sudheer M.

HOD, Department of Mechanical Engineering

Coordinators

Mr Binu K. G.

Assoc. Professor, Department of Mechanical Engineering

Ms Chaithra S. V.

Asst Professor, Department of Mechanical Engineering

Mr Santhosh H.

Asst Professor, Department of Mechanical Engineering

ST JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALURU-575 028



Faculty Development Program

on

Automation and Robotics

15th & 16th July, 2016



Organized By

Department of Mechanical Engineering

National Conference on
Emerging Trends in Mechanical Engineering
(5th & 6th August, 2016)



Name : NOEL DEEPAK SHIRI
Designation : ASSISTANT PROFESSOR
Name of the Institution/Organization :
ST. JOSEPH ENGINEERING
Address : COLLEGE, MANGALORE
Mobile no : 9740547904
Phone (O) :
Email-Id : noelshiri_sje@gmail.com
Qualification : M.TECH

Registration Details:

Name of the bank ORIENTAL BANK OF COMMERCE
D.D.No 677105 Dated 10/8/2016
Amount Rs 3000/-

Certified that the above information is true and correct to
the best of my knowledge and belief.

Signature of the Applicant

DECLARATION

Certified that Mr./Ms./Mr./M^s NOEL DEEPAK SHIRI
is working in/student of this institution/college/organization
since 16/7/2009 (date). He / She is permitted to
attend the National Conference which will be held at S.J.E.C,
Mangaluru on 5th & 6th August, 2016.

Signature of **PRINCIPAL** Institution
ST. JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALORE - 575 029

Most Rev. Dr Aloysius Paul D'Souza
Bishop of Mangaluru

CHAIRMAN

Rev. Fr Joseph Lobo
Director, S.J.E.C, Mangaluru

Rev. Fr Rohith D'Costa
Asst. Director, S.J.E.C, Mangaluru

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Prof. A.P. Harsha - IITBHU, Varanasi
Dr. Malikarjuna J.M. - IITM, Chennai
Dr. Somashekar S. - IITM, Chennai
Dr. Gangadharan K.V. - NITK, Surathkal

CHIEF ADVISOR

Dr. Joseph Gonsalvis
Principal, S.J.E.C, Mangaluru

ADVISORS

Dr. Rio D'Souza, Vice-Principal, S.J.E.C
Dr. Prakash Pinto, Ex-MBA
Dr. Savitha H.M., HOD, ME Dept.
Dr. Nalin Rebelo, HOD, Civil Dept.
Dr. Raju K., Head, EEE Dept.

ORGANIZING SECRETARIES

Dr. Purushothama Chippa
Associate Professor, ME Dept.
948071661

**FACULTY DEVELOPMENT PROGRAM
CONVENORS**

Dr. Sudheer M., HOD, ME Dept.
932996951
Dr. James Valder, Assoc. Prof., ME Dept.
997712340

**NATIONAL CONFERENCE
CONVENORS**

Dr. Shreeranga Bhat, Assoc. Prof., ME Dept.
948097532
Mr. Binu K.G., Assoc. Prof., ME Dept.
9739 1147

National Conference

&
Faculty Development Program
On
Emerging Trends in
Mechanical Engineering



5th & 6th August, 2016

Organized By:
Department of Mechanical Engineering

St. Joseph Engineering College
Vamanjoor, Mangaluru

In association with
Scientific & Academic Publishing
United States

Scientific & Academic
Publishing



St Joseph Engineering College
Vamanjoor, Mangaluru

Registration Form

Faculty Development Program

on

Condition Monitoring

09th & 10th Jan, 2017

Organized By

Department of Mechanical Engineering
St Joseph Engineering College
Vamanjoor, Mangaluru - 575 028

Name:

Designation:

Name of the College and Address:

Field of Specialization:

Mobile Number:

Email ID:

Details of enclosed DD:

DD Number:

Date:

Name of the Bank:

Signature

Signature of Head of the Institution
with Seal

Patron

M. Rev. Dr Aloysius Paul D'Souza
Bishop - Diocese of Mangaluru
President, SJEC

Patrons

Rev. Fr Joseph J. Lobo
Director, SJEC

Rev. Fr Rohith D'Costa
Assistant Director, SJEC

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Principal, SJEC

Dr Rio D'Souza

Vice-Principal, SJEC

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HOD, Department of Mechanical Engineering

Dr Raju K.

Professor, Department of Mechanical Engineering

Dr James Valder

Assoc. Professor, Department of Mechanical Engineering

Dr Shreeranga Bhat

Assoc. Professor, Department of Mechanical Engineering

Mr Binu KG

Assoc. Professor, Department of Mechanical Engineering

Organizing Secretary

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Assoc. Professor, Department of Mechanical Engineering

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Mr Vijay V.S. (9480200266)

Mr Joel D'Mello (9901330144)

Mr Naveen R (9449244464)

Mr Alister G. D'Souza (9980996443)

Asst Professors, Department of Mechanical Engineering

ST JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALURU-575 028



Faculty Development Program

on

Condition Monitoring

09th & 10th Jan, 2017



Organized By

**National Conference on
Emerging Trends in Mechanical Engineering**
(4th & 5th August, 2017)



Name : _____
 Designation : _____
 Institution/Org : _____
 Address : _____
 Mobile no : _____
 Phone (O) : _____
 Email-ID : _____
 Qualification : _____

Registration Details:

Name of the bank _____
 D.D.No _____ Dated _____
 Amount Rs _____

Certified that the above information is true and correct to the best of my knowledge and belief.

Signature of the Applicant

DECLARATION

Certified that Mr./Mrs./Ms./Dr./ _____ is working in/student of this institution/college/organization since _____ (date). He / She is permitted to attend the National Conference which will be held at SJEC, Mangaluru on 4th & 5th August, 2017.

Signature of the Head of the Institution
 Name and designation _____

Most Rev. Dr. Aloysius Paul D'Souza
Bishop of Mangaluru

PATRONS

Rev. Fr Joseph J. Lobo Director, SJEC, Mangaluru
Rev. Fr Rohith D'Costa Asst. Director, SJEC, Mangaluru

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Dr Rio D'Souza, Vice-Principal, SJEC
Dr Sudheer M., HOD-ME Dept.

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 Assoc. Prof. ME Dept
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Mr Vishu N.S
 Asst. Prof. ME Dept
 9436282256

NATIONAL CONFERENCE COVENERS

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 Assoc. Prof. ME Dept
 9822117326

Mr Nagesh K. G.
 Assoc. Prof. ME Dept
 9741533687

Dr Shreeranga Bhat - Organizing Secretary

+91 9480047532

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www.sjec.ac.in/etime.php



NATIONAL CONFERENCE

& FACULTY DEVELOPMENT PROGRAMME

ON

Emerging Trends in Mechanical Engineering

4th & 5th August, 2017

ORGANIZED BY

DEPARTMENT OF MECHANICAL ENGINEERING
 ST. JOSEPH ENGINEERING COLLEGE
 MANGALURU

IN ASSOCIATION WITH

SCIENTIFIC & ACADEMIC PUBLISHING
 USA

Scientific & Academic Publishing

ST JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALURU - 575028



FACULTY DEVELOPMENT PROGRAM
on
**BASICS OF CFD MODELLING &
ANSYS – FLUENT UDF PROGRAMMING**
18th & 19th January, 2018

Name:

Designation:

Department:

Institution:

Mobile No:

Email ID:

Transaction ID:

(Online Payment)

Date:

I declare that the information provided above are correct to the best of my knowledge and belief.

Signature of the Participant

Certified that the Mr/Ms/Dr

.....
is currently working / studying in our Institution.
He/She is permitted to attend the FDP on Basics of
CFD Modelling & Ansys-Fluent UDF
Programming to be held on 18th & 19th January,
2018 at SJEC, Vamanjoor, Mangaluru.

Signature of Head of the Institution

Chief Patron

Most Rev. Dr Aloysius Paul D'Souza
Bishop of Mangalore & President-SJEC

Patrons

Rev. Fr Wilfred Prakash D'Souza
Director, SJEC

Rev. Fr Rohith D'Costa
Assistant Director, SJEC

Advisors

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Principal, SJEC

Dr Rio D'Souza
Vice Principal, SJEC

Dr Sudheer M.
Professor & HOD - Mechanical Engineering

Dr Raju K
Professor & Head - Research Centre, Mechanical
Engineering

Dr James Walder
Associate Professor - Mechanical Engineering

Dr Shreeranga Bhat
Associate Professor - Mechanical Engineering

Dr Binu K G
Associate Professor - Mechanical Engineering

Dr Rajesh A Shetty
Associate Professor - Mechanical Engineering

Organising Secretary

Mr Vijay V S
Assistant Professor - Mechanical Engineering

Coordinators

Mr Joel D'Mello
9901330144

Mr Sushanth H G
9481391950

Mr Alister D'Souza
980996443

Mr Swaraj D Lewis
8970789908

Assistant Professors
Department of Mechanical Engineering



St Joseph Engineering College

Affiliated to VTU-Belagavi and Recognized by AICTE
NBA - Accredited: B.E. (CSE, ECE, EEE & ME)

Vamanjoor, Mangaluru - 575 028



FACULTY DEVELOPMENT PROGRAM
on

**BASICS OF CFD MODELLING &
ANSYS – FLUENT UDF PROGRAMMING**

18th & 19th January, 2018

Organised by

Department of Mechanical Engineering

INTERNATIONAL WORKSHOP
EFFECTIVE RESEARCH:
PROPOSALS, INVESTIGATIONS, AND PUBLICATIONS

11 AUGUST 2017

Name:
Designation:
Department:
Institution:
Mobile No.:
Email ID:
DD No. or
Transaction ID
(Online Payment):
Date:

I declare that the information provided above are correct to the best of my knowledge and belief.

Signature of the Participant

Certified that the Mr/Ms/Dr
is currently working/studying in our Institution. He/She is permitted to attend the One Day International Workshop on Effective Research: Proposals, Investigations, and Publications to be held on 11th August, 2017 at SJEC—Vamanjoor.

Signature of Head of the Institution

Registration Fee: Rs 500/-
The registration fee includes: breakfast, refreshments (morning & evening), and Lunch.

Chief Patron
Most Rev. Dr Aloysius Paul D'Souza
Bishop of Mangaluru & President—SJEC

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Rev. Fr Wilfred Prakash D'Souza
Director—SJEC
Rev. Fr Rohith D'Costa
Assistant Director—SJEC

Advisors
Dr Joseph Gonsalvis
Principal—SJEC
Dr Rio D'Souza
Vice Principal—SJEC

Conveners
Dr Sudhear M.
Professor & HOD -Mechanical Engineering
Dean - Student Welfare
Dr Binu K.G
Associate Professor—Mechanical Engineering

Organizing Committee

Mr Rolvin D'Silva
Mr Ashwin Shetty
Mr Yathish Kumar
Mr Ravikantha Prabhu
Mr Orville Sutari

Contact Details:

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DEPARTMENT OF MECHANICAL ENGINEERING
(ACCREDITED BY NBA—NEW DELHI)

INTERNATIONAL WORKSHOP

on

EFFECTIVE RESEARCH:
PROPOSALS, INVESTIGATIONS, AND PUBLICATIONS

In Association With

DR SUBRAMANIAM ARUNACHALAM
Department of Mechanical Engineering
University of East London
London - UK

11TH AUGUST 2017



ST JOSEPH ENGINEERING COLLEGE
VAMANJOOR, MANGALORE

MBA : Workshop on New Age Skills for Excellence in Teaching

Mar 3, 2018

A Workshop on “New Age Skills for Excellence in Teaching” was organized by the Department of Business Administration on 3rd March, 2018 at Bethania Hall, SJEC. Mr. Praveen Kamath, General Manager & Head of HR for Technology Practice Units, Wipro Limited was the resource person who addressed the faculty members of SJEC. Rev. Fr Wilfred Prakash D’Souza, Director, Rev. Fr Rohith D’Costa, Assistant Director, Dr Rio D’Souza, Vice Principal, Dr Prakash Pinto, Dean, Department of Business Administration, Ms Sangeeta Ferrao, Convener of the workshop were the dignitaries who were present for the inaugural programme.

Mr. Praveen Kamath spoke on the practices of effective teachers. He informed the audience that a teacher should be shameless and extraordinarily selfish to learn everything there is to learn on a subject. He stressed on the fact that each and every teacher should go on to create their own ‘Rock Star Brand’ being well equipped with knowledge on the subject along with skills like storytelling, innovation, enthusiasm to use technology in classrooms, openness for dialogue etc. In addition to verbal communication, he also asked the audience to pay attention to non-verbal signals like eye contact and body language in the classroom. Mr Kamath encouraged the audience to network and strengthen connections with industry personnel such that students benefit from industry knowledge on the subjects being taught. The audience were also motivated with video clippings of creative educators like Sir Ken Robinson, Dr Pravin Bhatia and Bill Gates.

With his enthusiasm and infectious love for teaching Mr Kamath inspired the audience and left them introspecting on their current methods of teaching so as to improve and take classroom teaching to the next level. At the end of the workshop certificates were distributed to the participants and Rev. Fr Wilfred Prakash D’Souza, Director, SJEC, felicitated Mr Kamath with a memento.