

## *"TECH-VAISHNAV-2018" MULTI-DISCIPLINARY WORKSHOPS SPEAKERS*

### **Mr. Suresh Rathore (Senior Technical Consultant)**

#### **WebTek Pvt. Ltd. Delhi, IBM Authorized Partner**

Session Topic	Machine learning
Track	Computer Science & Engineering
Date/Venue	05 <sup>th</sup> to 07 <sup>th</sup> Feb-2018/ IBM Software LAB, MBA Block, SVVV
About Speaker	Developed more than 30 projects, Provided more than 35+ trainings in Industries and Universities. Years experience in analysis, design, development of client/server, web based and n-tier application.
About Session	This session includes the various service delivery models for BI (Business Intelligence), AI (Artificial Intelligence) with Machine Learning and Python, which consists of implementation of different types of logic with Machine Learning, Python. Students also learn about the fuzzy logic implementations with Python, which is the most useful in Machine Learning.

### **Mr. Soumya Raha (Technical Consultant)**

#### **Ardent Computech Pvt. Ltd., Kolkata , HP Authorized Partner**

Session Topic	Cyber Security
Track	Information Technology
Date/Venue	05 <sup>th</sup> to 07 <sup>th</sup> Feb-2018/ Major Project Lab, Main Block, SVVV
About Speaker	15+ years of experience in Networking, Providing Trainings, Organizing Trainings for corporate clients and small business enterprises. Certified Ethical Hacker, RedHat Certified Engineer (RHCE), Certified Novell Administrator (6.0)(CNA), Certified Novell Engineer (6.0)(CNE),Microsoft Certified Professional (MCP).
About Session	This session includes Common Security Threats, Operating System Hardening, Application Security, Implementing Security Applications, Network Infrastructure Attack, Network Design Elements, Network Security Tools, Wireless Network Security, Access Control, Access Control and Identity Management Domain Update.

### **Mr. Roshan Verma (Application Engineer)**

#### **Techutility Pvt. Ltd. Indore**

Session Topic	Application of advance simulation using CAD/CAE tools
Track	Mechanical Engineering
Date/Venue	05 <sup>th</sup> to 07 <sup>th</sup> Feb-2018/ Room no. 201,CAD-CAE LAB, Mechanical Block, SVVV
About Speaker	Proven expert of Ansys Workbench, Hands on experience of product Development, AutoCAD Certified Professional on AutoCAD 2016, Experience of material and design optimization, Strong analytical and communication skills.
About Session	Introduction to Black Box Concept, Introduction to Ansys Static Structural, Theory of Black Box, Big Ideas: Finite Element Analysis, Solid Mechanics, Fluid Dynamics, Computational Fluid Dynamics & Case Studies.

### **Mr. Rajeev Karothia ( Asst. R&D Head (Embedded))**

#### **Scientech Technologies Pvt. Ltd., Indore.**

Session Topic	IOT & Its Applications
Track	Electronic Communication and Instrumentation Engineering
Date/ Venue	05 <sup>th</sup> Feb-2018/ Room no. 209,Main Block
About Speaker	10+ Years of Experience in Embedded Software and Hardware Design & Development for Energy Metering, Education Training Platform and Industrial Products. Expertise in various phases of Product Development cycle such as requirements analysis, Design, Development, Testing and deployment.
About Session	This session covers IOT Evolution, Industry grade IOT Builder Platform, Application areas & Operating System used for IOT, shell scripting programming & Programming Language used in IOT, Hardware Interfacing for IOT.

## **Mr. Vikas Naidu (Red Hat Architect)**

### **Rostris Infotech Pvt. Ltd. Bengaluru**

Session Topic	Linux and Cloud workshop
Track	Computer Application
Date/ Venue	05 <sup>th</sup> Feb-2018/ Room No. 108 , Architecture Block
About Speaker	25 Years of IT Experience in variety of directions. More than 14 Years Experience in the field of Linux System Administration Training. More than 2000 RHCE produced for the Industry. 10 Years Experience in the field of System Analysis Software Development. Have been attached with Red Hat since 2002 and looking after to cater the service to the Education Industry. Giving Specialization related to the current trends of IT Industry. Certified RHCSA, RHCE, RH236, RH210, RH318. Most Promising Training Partner Awarded by Red Hat for the Year 2006-07 of West Zone Chief Adviser for Shiksha.com.
About Session	This session includes Linux History & Cloud Computing Presentation, Features of Linux, File System Permissions, Basic Network Concepts, Mount ISO Image in Linux, Gain knowledge of Cloud as PaaS,IaaS,SaaS, Build their own cloud.

## **Dr. Santanu Manna (Professor)**

### **IIT Indore**

Session Topic	Differential Equations: Modeling of Physical Systems
Track	Mathematics
Date/ Venue	05 <sup>th</sup> Feb-2018/ Room no. 213 A, Mechanical Block
About Speaker	He was awarded the Ph. D. degree in Applied Mathematics from Indian Institute of Technology (ISM) Dhanbad in 2015. After his Ph.D., Dr. Manna worked as a Post-Doctoral Research Scientist in Indian Institute of Science Education and Research Kolkata. He has been awarded for "National Post-Doctoral Fellowship" from SERB, Department of Science & Technology, Government of India in 2016; "Dr. D.S. Kothari Post-Doctoral Fellowship" from University Grants Commission, Government of India in 2016 and ICM-2018 International Award from International Mathematical Union, 2018.
About Session	Differential Equations: Modeling of Physical Systems, General Introduction of ODE and PDE with motivation examples in real World situation, Well-posedness and Examples of IVP and BVP, Classifications of 1st & 2nd order PDE, Linear & Non-linear PDE, Mathematical Formulation and Uniqueness Result of Wave equation, Introduction to Seismic waves (one kind of hyperbolic type PDE),Modeling of hyperbolic wave dispersion in the Earth layered media.

## **Prof. Pratima Sen (Professor)**

### **School of Physics, DAVV Indore**

Session Topic	Measurements using Optical, Electronics and Optoelectronics Phenomena
Track	Physics
Date/ Venue	05 <sup>th</sup> Feb-2018/ Room No. 209, Architecture Block, SVVV
About Speaker	In Sept. 2006, Mrs. Sen joined her present assignment as Professor of Physics in Devi Ahilya University, Indore and conducting research projects funded by DST,DAE, ICMR etc. in the research fields of semiconductor nanostructures, diluted magnetic semiconductor thin films, Quantum Computing and Spintronics in addition to the area of Bio-Photonics. She has successfully guided 12 Ph.D. Theses and five more students have been working for their Ph.Ds. Professor Sen has published more than 125 research papers in leading International Journals published from USA, UK, France, Germany and Netherlands. She has delivered about 25 Invited Talks at various National Conferences/Symposia/Workshop and more than 100 research papers have appeared in the proceedings of National/International Conference/Symposia. The research areas of her current interest include Semiconductor Nanostructures, Spintronics and Quantum Computing on one hand and experimental Bio-Photonics and Diluted Magnetic Semiconductor thin films on the other.
About Session	Introduction, Measurements, Applications and area of Optical, Electronics and Optoelectronics Phenomena and their devices.

## **Dr. Megha Trivedi (Public Speaker)**

### **T.I.M.E. Indore**

Session Topic      Soft Skills  
Track                Humanities  
Date/ Venue        05<sup>th</sup>-Feb-2018/ Seminar Hall, MBA Block, SVVV  
About Speaker     She has over 15 years of work experience in academics and research in the area of Soft Skills, Business Communication and Business Strategy. She held various academic positions in leading Management and Engineering Colleges of the country like ICFAI Business School, Nirma University. She has many national and international publications in various books and journals to her credit and contributed in several conferences across the country.

About Session     Soft Skills is required at almost every level in every business. The ability to present information in a way that is easy for the audience to understand now is a key soft skill. Presentation skills require some hard skills such as language mastery and software knowledge (PowerPoint). There are also a number of soft skills related to presentations. The workshop will involve Soft Skills and Presentation Skills: An Introduction, Importance of Presentation Skills, Presentation Skills : Verbal and Non-Verbal Communication, Dos and Don'ts of Effective Presentation Skills ,Group Activity on Presentation Skills.

## **Mr. Anuj Kale (Architect/ Urban Designer)**

### **Leewardists , Pune**

Session Topic     Visual Story telling  
Track                Architecture  
Date/ Venue        06<sup>th</sup> – 07<sup>th</sup> -Feb-2018/Room No. 209,Architecture Block, SVVV  
About Speaker     Anuj Kale is an Architect/ Urban Designer based out of Pune. He has been working as a comic book artist for the past 2.5 years and has been making Web-Comics about Architecture, Sustainability and Urban Design to create awareness about the particular field.

About Session     Creating awareness about Visual Storytelling and how we can tell stories through our graphics and illustrations. Explaining the methods of Architectural presentations / narratives through the power of Comics and Storyboarding, Focusing on three modes of representation – Big screen presentations, Sheet presentations and Portfolio/ Report Presentations. To help them understand visual narratives so as to help them tell properly about their designs. Introducing the Art of Storyboarding which is being used by Movie Directors, Animators etc. With these major thoughts in mind, the workshop would try to be interactive, innovative and inquisitive, in order to explore the art of storyboarding towards a well-crafted direction in Architecture.

## **Mr. Ashish Tiwari (Director)**

### **PG Tech Research Institute, Indore**

Session Topic     Seminar on Advance Spectroscopic Instruments  
Track                Chemistry  
Date/ Venue        06<sup>th</sup> – 07<sup>th</sup> -Feb-2018/ Room No. 301,Architecture Block,SVVV  
About Speaker     Entrepreneur & Distributor of many national & international companies. Having experience of a successful businessman for last 12-13 years. Directing his independent company & the growing research institute very well with recognition by Govt. of India in a very short while. Awarded for advanced service training by YL Instruments Company Ltd. Republic of Korea for qualifying 3 years (10 days everyday every year) rigorous training in years 2006, 2007 & 2008. Awarded for special advanced training on industrial Water Purification system at Singapore in 2011.

About Session     The Session consists of lectures and hands on practical sessions which intends to provide a clear understanding of theory, research techniques and methodologies involved in handling of sophisticated instruments. Participants will explore the training sessions on instruments like UV-Spectrophotometer, FTIR Spectrophotometer and HPLC.

### **Mr. Ankit Agrawal (Managing Director)**

#### **Shree Balaji Enterprise,Indore**

Session Topic	Technical Hands on AC Electrical Drives
Track	Electrical Engineering
Date/ Venue	06 <sup>th</sup> –Feb-2018/ SEML Lab, Electrical Block,SVVV
About Speaker	He developed himself as an entrepreneur and successfully running his own firm as Shree Balaji Enterprise, Indore. It is a startup of Technical personal excelling in the field of automation. He is currently working as a Managing Director. He has total work experience of five years in the field energy efficient solution in electrical drives. He has practical experience in installation and Commissioning of variable frequency A.C drives include VLT Series FC 301, FC 302, FC 360, FC 101, FC 102 & VLT 5000 Drives. He has vast experience in repairing, testing and servicing of various a.c drives. He has previously worked in T4 Texultants and STI India Limited.
About Session	The workshop will provide technical hands on AC electrical drives. It will provide knowledge of cold testing, installation, commissioning of ac drives (Danfoss). Workshop will also provide practical details for controlling and running the drive at various speeds. Workshop will also give emphasis on importance of various power electronics components and microcontroller in drives.

### **Mr. Mohd Danish Khan (Customer Service Executive)**

#### **Siemens Ltd., Mumbai**

Session Topic	PLC & Mechatronics
Track	Electronic Instrumentation Engineering
Date/ Venue	06 <sup>th</sup> –Feb-2018/Room No. 306/311,Main Block,SVVV
About Speaker	He has Completed BE Instrumentation from Mumbai University, He have Technical Skills in Instruments Calibration, Tuning, Maintenance, Troubleshooting Commissioning, Project Coordination and Installation activities, e.g. Field to DCS / PLC Panel Cabling, Robotics.
About Session	Theory Session, Industrial Practices, Hands-on Practices on: Mechatronics and Automation, The training module encompasses a wide range of courses designed for CNCs, PLCs, Drives, Controls, HMI, and more which subsequently translates into effective, flexible, and value based training.

### **Dr. Arjun Vithalrao Mane (Assistant Professor)**

#### **Gov't Institute of Forensic Science , Nagpur**

Session Topic	Forensic Tool Kit (FTK)
Track	Forensic Science
Date/ Venue	06 <sup>th</sup> Feb 2018 /Room No. 108(B), Architecture Block, SVVV
About Speaker	He is Assistant Professor, in Digital and Cyber Forensic Department of Gov't Institute of Forensic Science , Nagpur. He has published and presented 18 Research papers in various conferences and journal & Book.
About Session	FTK is truly database driven, using one shared case database. FTK uses distributed processing and is the only forensics solution to fully leverage multi-thread/multi-core computers.

### **Dr. Ben Baliga (Professor)**

#### **St. Cloud State University, Minnesota, USA**

Session Topic	Six Sigma
Track	Management
Date/ Venue	06 <sup>th</sup> Feb 2018 /Seminar Hall, MBA Block,SVVV
About Speaker	Dr. Ben Beliga is a Professor and Graduate Director of Engineering Management St. Cloud State University. He is a consultant in Statistical Process Control, Design of Experiments (DOE), Manufacturing Process design and improvement, Facilities Layout Design etc. He has specialization in Lean Manufacturing, Lean Six Sigma, Value Stream Mapping, Kaizen event conduction, Productivity Improvement, Audit of the Manufacturing Operations for providing customized solutions.
About Session	The contents will be “The Basic Introduction of Six, Its importance, setting up of lean six sigma projects and the discussion about the lean six sigma Methodology.

## **Mr. Shubham Singh (Design Engineer)**

### **EASY CADD SOLUTION, Indore**

Session Topic	Utilisation of Civil Engg. Software
Track	Civil Engineering
Date/ Venue	07 <sup>th</sup> Feb 2018 / Civil Block
About Speaker	Currently working with EASY CADD SOLUTION as a Design Engineer Trainee as 2-3 year .Also work with BRAINCHILD Architect as a Design Engineer. Working on different type of Industrial Model and its Design.
About Session	What is BIM (BUILDING INFORMATION MODELLING), Building Information Modeling Technology Effort vs. Effect? Challenges of BIM, BIM methodology vs. Traditional method.

## **Mr. Pradyumna Sharma (Regional Head( MP & Maharashtra))**

### **Wonder Cement Ltd, Indore**

Session Topic	Recent Advancement in Concrete
Track	Civil Engineering
Date/ Venue	07 <sup>th</sup> Feb 2018 / Room No. 305, Civil Block, SVVV
About Speaker	Currently working in Wonder Cement as Regional Head (Madhya Pradesh & Maharashtra) in Technical Services Department.12 years of rich experience in Cement Industry.
About Session	Cement & Building Material. Introduction, Architecture, Design.

## **Mr. Krenal Chauhan (R & D Head (Embedded and Instrumentation))**

### **Sciencetech Technologies Pvt. Ltd., Indore**

Session Topic	Electronics Circuit Design, Simulation, PCB Design, Fabrication and Testing
Track	Electronics & Communication Engineering
Date/ Venue	07 <sup>th</sup> Feb 2018/Room No. 209, Main Block, SVVV
About Speaker	He has 12+ years of experience in Design & Development of Embedded System and Instrumentation based products. Handover more than 150 products to the production department Expertise in IoT, Wi-Fi Zigbee , USB, Modbus and Microcontroller Programming, Analog and Digital Circuit designing and Robotics, PLC Programming with HMI and SCADA
About Session	Steps involved in Product Development Cycle, Introduction to Tina Design suites Circuit Design and Simulation Software. Introduction to PCB Fabrication Process and its types .Introduction to Nvis PCB Prototype Machine and its applications. Lab Work – Fabricate your PCB on Nvis 72, Hands-on component insertion and Assembling. Testing and Debugging your own PCB using Design Lab 2 Multi-Instrument

## **Mr. Arun John Lakra (Head)**

### **Pearl Academy**

Session Topic	Latest Trends in Apparel Industries
Track	Textile Engineering
Date/ Venue	07 <sup>th</sup> Feb 2018/Room No. 305, Textile Block, SVVV
About Speaker	Mr. Arun John Lakra- (Alumni NIFT and NID), Head of Fashion Design program at Pearl Academy.”
About Session	This workshop is based on the theme “Latest Trend in Apparel Industries” which includes the discussion & demonstration of the latest tools & techniques applied in the apparel industries especially in production, designing & merchandising. Its focus on the areas of design, fashion, media and luxury business management Pearl Academy enjoys the reputation of being among India’s top 3 providers of education and training for the Creative Sectors.