

ORGANIZING

“TECHNO CAMP”

School of Management Sciences, Varanasi (Accredited ‘A’ Grade By NAAC) is well known to generate & adopt innovative practices. In the same sequence, Live Wire- Technical Club, SMS Varanasi has taken an initiative to organize a TECHNO CAMP.

OBJECTIVE: SMS Varanasi is imparting education in the field of management and technology to undergraduate & postgraduate students but we always have thought of how to cater technical skills in the young minds. Only young technical mind can make Smart India. In this direction, Live Wire- Technical Club, SMS Varanasi has taken an innovative step to organize a ‘**TECHNO CAMP-2018**’ with the concept ‘*NO BARRIER BETWEEN YOU & TECHNOLOGY*’. It means a lot that:

1. No Barrier of age you belong,
2. No Barrier of School/ College you belong, and
3. No Barrier of Course you belong.

ONLY THRUST TO LEARN THE TECHNOLOGY

TECHNO CAMP is one of its unique kind ideas where we are trying to put together all age group participants and serve them technology by adopting such a methodology so that they can understand, practice & implement it. Aim of this initiative is to utilize summer vacation time of school going, under graduate & post graduate students to enhance their programming & software development skills. TECHNO CAMP-2018 offers three tracks:

TRACK: 1:- 21- HOURS JAVA FOUNDATION COURSE;

TRACK: 2:- 28- HOURS WEB DEVELOPMENT USING PHP + MYSQL;

TRACK: 3:- 21- HOURS WEB APPLICATION DEVELOPMENT USING ASP.NET;

WHO CAN PARTICIPATE: No barrier, anyone can participate. Open to all school/ college going students etc. (Not Only for SMS Students)

PREREQUISITES: Participants have inclination to learn technology is essential with basic programming skills.

METHODOLOGY: Methodology of content delivery in all the tracks of TECHNO CAMP will be practical oriented. At the end of each session, online assessment will be conducted so that progress can be monitored. On the basis of this assessment and a final online test, we will declare TOP- 3 of both the tracks separately.

ADVANTAGES: It cannot be explained but experienced. Few of them are:

1. Utilize modern IT Infrastructure.
2. Mentorship of highly experienced & certified human resource.
3. Successful track completion certificate.
4. Merit certificate to TOP-3 of each track.
5. Prizes for TOP-3 of each track

PARTICIPATION LIMIT: Participation in each track is limit to **50 SEATS ONLY** on the basis of first come first serve (FCFS). A participant can enroll in both the tracks by paying the fee separately.

FEE: Participation fee for tracks are:

1. **TRACK 1:** (21- HOURS JAVA FOUNDATION COURSE) INR 1,000/-
2. **TRACK 2:** (28- HOURS WEB APPLICATION DEVELOPMENT USING PHP + MYSQL) INR 1,500/-
3. **TRACK 3:** (21- HOURS WEB APPLICATION DEVELOPMENT USING ASP.NET) INR 1,000/-

DATE, TIME & DURATION:

1. **TRACK 1:** 11TH JUNE – 17TH JUNE 2018, 10:00 AM – 01:00 PM (3 Hours each day)
2. **TRACK 2:** 11TH JUNE – 17TH JUNE 2018, 02:00 PM – 06:00 PM (4 Hours each day)
3. **TRACK 3:** 11TH JUNE – 17TH JUNE 2018, 10:00 AM – 01:00 PM (3 Hours each day)

VENUE: Lab No: 08, School of Management Sciences, Varanasi (Kushipur Campus)

TRANSPORT: Participants will make their own arrangement.

RESOURCE PERSON:

- Mr. Ram Gopal Gupta, SCJP & Associate Professor, SMS Varanasi
- Mr. Debprio Banerjee, Assistant Professor, SMS Varanasi
- Ms. Shweta Kumari, Team Leader, Smart India Hackathon 2017 (4th Runner up)

FOR ANY ENQUIRY CONTACT:

Mr. Ram Gopal Gupta, Associate Professor

Mobile: 9839424526

Email: rggupta@smsvaranasi.com, rgmail@rediffmail.com

Website: <http://smsvaranasi.com/TechnoCamp>

TRACK DETAILS & FORM SUBMISSION: track details & registration form are enclosed herewith. Submit filled-up forms to Mr. Ram Gopal Gupta, Associate Professor, SMS Varanasi.

FOR REGULAR UPDATES PLEASE DOWNLOAD SMSVARANASI ANDROID APP FROM



TRACK: 1:- (21- HOURS JAVA FOUNDATION COURSE)

RESOURCE PERSON: MR. RAM GOPAL GUPTA

Topics covered in Track-1 are:

- Topic 1. Programming Concept in Java: variables, data types, operators
- Topic 2. Type Casting & Conversion, console input/ output
- Topic 3. Control Flow statements: if else, switch
- Topic 4. Iteration: for, while, do while, for each, break, continue
- Topic 5. OOPs concept and its application in Java
- Topic 6. Constructors and methods
- Topic 7. Static variables and methods
- Topic 8. Constructor/ method overloading & overriding
- Topic 9. String Handling
- Topic 10. Exceptions handling
- Topic 11. Abstract method, Abstract class
- Topic 12. Interfaces
- Topic 13. Applets

Each topic assessment will be done through online assessment.

TRACK: 2:- (28- HOURS WEB APPLICATION DEVELOPMENT USING PHP + MYSQL)

RESOURCE PERSON: MR. RAM GOPAL GUPTA

Topics covered in Track-2 are:

- Topic 1. Web Architecture Concept & its implementation
- Topic 2. HTML Basics and its various tags
- Topic 3. Framing implementation
- Topic 4. CSS (inline, embedded & linked)
- Topic 5. CSS working
- Topic 6. Client Side Scripting Language (Java Script)
- Topic 7. Dialog boxes, objects, function, Control constructs etc.
- Topic 8. Server Side Scripting (PHP)
- Topic 9. Web Server Configuration
- Topic 10. Variables, echo's, Control flow constructs
- Topic 11. Environment Variables
- Topic 12. Form, table Dynamism etc.
- Topic 13. DB Connectivity PHP & MYSQL
- Topic 14. CRUD action using PHP
- Topic 15. Request string implementation
- Topic 16. Session Management.
- Topic 17. Project “SMAGAM”

Each topic assessment will be done through online assessment.

TRACK: 3:- (21- HOURS WEB APPLICATION DEVELOPMENT USING ASP.NET)

RESOURCE PERSON: MR. DEBPRIO BANERJEE

Topics covered in Track-3 are:

- Topic 1. Dot Net Architecture and basic concepts
- Topic 2. Web servers , IIS 7.0 , client and server side scripting
- Topic 3. ASP Basics , ASP.Net Architecture
- Topic 4. Introduction To C#.
- Topic 5. ASP.Net Controls and Events , Web Forms
- Topic 6. Using Validation Controls , Navigation Controls
- Topic 7. State Management
- Topic 8. ADO.Net , Database Connectivity and Database Controls
- Topic 9. Redirection , Passing values between pages
- Topic 10. Web Services
- Topic 11. Introduction to AJAX and AJAX Controls.
- Topic 12. Using Master page , and Templates.
- Topic 13. Configuring and deploying a Asp.net Website.

Each topic assessment will be done through online assessment.



Organizes

TECHNO CAMP REGISTRATION FORM

(11TH JUNE 2018 TO 17TH JUNE 2018)

Tick the Tracks in which you want to enroll:

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|--|---|---|-------------|
| | TRACK 1:- 21- HOURS JAVA FOUNDATION COURSE; (10:00 AM to 01:00 PM – 3 Hrs daily) | 11 th – 17 th June 2018 | Rs. 1,000/- |
| | TRACK 2:- 28- HOURS WEB DEVELOPMENT USING PHP + MYSQL; (02:00 PM to 06:00 PM – 4 Hrs daily) | 11 th – 17 th June 2018 | Rs. 1,500/- |
| | TRACK 3:- 21- HOURS WEB DEVELOPMENT USING ASP.NET (10:00 AM TO 01:00 PM – 3 HRS DAILY) | 11 th – 17 th June 2018 | Rs. 1,000/- |

Resource Person: *TRACK 1 & 2* by Mr. Ram Gopal Gupta; *TRACK 3* by Mr. Debprio Banerjee

Participant Name :

:

Address :

:

Mobile :

:

Email :

:

Highest Qualification :

:

**College/ School Name
& Address** :

:

Paste Your Recent
Coloured Photograph
Here

Signature:_____

(Please submit filled-up form to Mr. Ram Gopal Gupta, Associate Professor, SMS Varanasi: Mob: 9839424526)