



IRIS '09

19TH-20TH SEPTEMBER

# STATEMENT OF PURPOSE

A  
TECHNOBYTE

(SOCIETY OF COMPUTER & IT ENGINEERS)

PRESENTATION

NATIONAL INSTITUTE OF TECHNOLOGY-  
KURUKSHETRA



# STATEMENT OF PURPOSE

## IRIS '09

19<sup>th</sup>-20<sup>th</sup> September, 2009



**NATIONAL INSTITUTE OF TECHNOLOGY,  
KURUKSHETRA**

## **THE INSTITUTE**

Kurukshetra – the land of pantheons, the ancient land where Gods, men, paladins, battled death and conquered their fears for their cause. On this very land is the foundation of NIT Kurukshetra. The institute, like most of its ilk setup for the task to which now has attained its NIT status, has fulfilled its quest towards its goals. It is one of who will steer the country in the next millennium. The institute unit in its true sense portrays the thought of national integration. It is a vast conglomerate of all that is Indian. Student from all over the country thrive in harmony. And what really breeds through in being are the involvement and the enthusiasm of the students led by a capable and dedicated faculty. The students here excel on cultural and artistic fields also. The plethora of shows organized here bears witness to it.

## **THE EVENT**

**Iris** speaks of the festival of adeptness and has attracted various students of distinguished institutes throughout the country to participate in the various events including personality contests, programming contests and share their talent while maximizing efficiency. The event today is one of the country's leading and most prestigious technical events for technical institutes. It features eighteen mind blowing events. To enhance its virility and versatility, there are corporate sessions with eminent industrialists and educationalists along with various guest lectures.

In its endeavor to provide events that are aimed at development of an all round personality, **TECHNOBYTE** has been successfully organizing events of national calibre since many years. **IRIS '09** is only headed one way, a fest of knowledge where top brains are going to fight it out for ultimate prizes. It promises to be amusing and brain tickling. The enthusiastic home crowd and the delegates from some of the renowned colleges add the 'red chilly and black pepper' flavour of nerve racking competition and inexplicable talent. Planned to take place on the 19<sup>th</sup> and 20<sup>th</sup> of September, 2009, this event is NITK's pepperoni.

We believe in the famous quote by Socrates –  
“The unexamined life is not worth living”.

## THE SOCIETY - TECHNOBYTE

One of the most sophisticated and professional outfits of the institute where the brains of the COMPUTER people are nurtured and the talent of the whiz kids synchronized to make every program successful. In recent time, '**Technobyte**' has been a hub of activities that has brought laurels to the institution. To call it merely a society would undermine its very value. Here all students get integrated and their confidence is reinforced, so as to drive greater mileage from them.

It primarily focuses on the technical aspects of Computer Engineering, which touches every nook and corner of the vast info – highway. It is not only a technical society but also an object oriented one where every single viewpoint is paid heed to. It strives to achieve perfection par excellence with several successful events under its belt; '**TECHNOBYTE**' is truly a magnum opus of its own kind.

Technobyte has been organizing Ad-Lib (renamed ENCODER), an on-the-spot programming contest and paper presentation during **LITERATI '06**, the inter college Technical Fest of NIT, Kurukshetra and the blockbuster event of **LABYRINTH '03**. The craze and quest for programming was not slaked. Success repeated itself in the form of **TECHQUEST '04, IRIS '05, '06, '07** which were organized in the years to follow. They again saw a marvelous response from institutions throughout the country. It was an unbelievable opera of endowment, skills and talent. Keeping in view the ever increasing popularity and exuberance of *to-be-engineers*, it had decided to conduct a national-level fest called **ALCHEMIA 2008** last year in collaboration with the **Electronics & Communication Engineering Department**, and was a glorious breakthrough. Several well known educational institutions from all over the country participated in this mega event, a one of its own kinds. No one wants to miss this golden opportunity and in this material world of globalization, opportunities don't come easy. So let this year behold an **IRIS '09** far bigger in awe than its ancestors, and with a much advanced technical flair.

## LIST OF INVITED ENGINEERING INSTITUTES

1. BITS, Pilani.
2. IIT, Delhi.
3. IIT, Roorkee.
4. IIT, Guwahati.
5. IIT, Kharagpur.
6. IIT, Kanpur.
7. IIT, Chennai.
8. IIT, Mumbai.
9. NIT, Jalandhar.
10. M.N.NIT, Allahabad.
11. DCE, Delhi.
12. NSIT, Delhi.
13. DAIICT, Ahmedabad.
14. IIIT, Allahabad.
15. IITM, Gwalior
16. IIIT, Hyderabad.
17. MIT, Delhi.
18. MNIT, Jaipur.
19. NIT, Warangal.
20. NIT, Surathkal.
21. NIT, Surat.
22. NIT, Nagpur.
23. NIT, Jaipur.
24. Punjab Engg. Institute, Chandigarh.
25. MBM, Jodhpur.
26. Guru Jambheshwar University, Hissar.
27. Chhotu Ram State Institute of Engineering, Murthal (Sonapat).
28. YMCA Institute of Engineering, Faridabad.
29. The Technological Institute of Textile and Sciences, Bhiwani.
30. CCS Harayana Agricultural Univerity, Hisar.
31. The Maharishi Markendeshwar Engineering Institute, Maulana.
32. Institute of Technology and Management, Gurgaon.
33. Shri Krishna Institute of Engg. and Tech., Kurukshetra.
34. Haryana Engg. Institute, Jagadri.
35. Haryana Institute of Tech. and Management, Kaithal.
36. N.C. Institute of Engg., Panipat.
37. Dropnacharya Institute of Engg., Gurgaon.
38. B.M.I.T., Sonapat.
39. BVP, Pune.
40. BVP, Delhi.
41. TIET, Patiala.

## IRIS 2009

**TECHNOBYTE** – the society of Computer & IT Engineering students presents **IRIS '09** on the **19<sup>th</sup>-20<sup>th</sup> of September, 2009**. It is a one of its kind unique festival in the whole of North India. The fest consists of eighteen major events.

1. **CODE POOL:** The topics for the contest will be given 3 days in advance. The participants will be required to come with their solutions. Questions will be asked on the logic and the implementation. The event is to judge the capability of the participants in regard to the programming skills in terms of efficient management of time complexity and space complexity.
2. **TECHNOVA:** This classic event invites the participants to present papers on upcoming computer technologies. It attracts a large number of participants from various colleges across India and promises to be one of the major attractions of the fest.
3. **WEBHUNT:** This event tests the searching capabilities over the world wide web. With the help of the provided hints the first team that searches the hidden links wins the associated prize for the event. Being the biggest crowd-puller every year, this event has become generic in most aspects.
4. **ENCODER:** The event includes on-the-spot evaluation of the programming skills of the participants. The participants will be required to work out the solution within the stipulated time period. The approach does not play an important role in this event. What is important is the correct solution. ENCODER going online this time, is sure to create a greater buzz in the coding world.
5. **HEAD-BUTT:** The event is the most sought after in the quizzing fraternity. Keeping in tune with the trivia culture of the college, this brain racking session of mind blowing questions is a spectator's delight.
6. **GAMESTATION:** This event is a blockbuster amongst the students. It is a LAN gaming contest in which famous games like Need For Speed, Counter-Strike Source and Quake 3 Arena are played. The
7. **BUGHUNT:** This event tests the capabilities of a programmer not to get nervous and freaked out when it comes to detecting the errors contained in a code. Debugging is an almost essential quality for software testing, and hence calls for the most focused pair of eyes.
8. **EXCALIBUR:** This event is nothing short of a giant leap for Technobyte, as the Software Design Contest is being promoted with lot of enthusiasm from the organizers. With its accruing benefits to the participants in terms of experience, also the vision must be set for Literati 2008, the biggest technical fest of NIT Kurukshetra. No theme would be defined for the event but the teams must come up with working models of their softwares.



9. **PANACHÉ:** This event can be technically called management paper presentation. It attracts a large number of participants from various colleges across India. Papers presented in this event are more general in nature comprising mostly of economic, social and political issues. With a flair that only managers can possess, the event is the perfect key to fame.
10. **MATH-O-LOGICA:** An event specially organized to test your creativity with numbers, this welcome quiz would test the basic knowledge of the contestants in the fields of mathematical and logical reasoning. Another addition to the list of events of **IRIS '09**, this would be a major attraction.
11. **WEB-RIDDLE:** A mind-boggling event which will compel your brains to try the helm of their intellectual ability and iron out the best of their ability to think beyond their imaginations. Search on the web, stimulate your neurons and be ready for the ultimate challenge.
12. **FORTUNE FLICK:** This game is an entirely new game and a perfect amalgam of Luck, market analysis and knowledge of electronics products. Products from various branded companies will be promoted and the players are required to bid the prize by analyzing market position and advertisements from the developer's side.
13. **BLACK BOX:** The unique brain-teasing event, which has become a cult with logic-lovers since its inception. The participants engage in extensive trance to trace the logic behind some challenging problems, which are presented as a very tempting "black box"- you know what gets in, and gets out, but it's what inside what matters!
14. **NEO-CODING QUEST:** The new-age programming contest is here. The event involves introduction of a new programming language on the spot, with a detailed workshop being conducted on it. The language shall be largely minimal, almost esoteric that would need a lot of creativity to employ, and not necessarily end up being the business of seasoned coders. Participants with no programming background, will have the advantage, and a lot of fun!
15. **THE ART OF DECEPTION:** The first event of its kind in the college, it, at the outset is a hacking quiz. But having said that, we are not looking for Schneiers and Mitnicks. Anyone who has done some hobby-reading on the popular topic of hacking will have a lot of skills to use as well as hone here. Simple network security concepts, hacking trivia, and common software tweaks shall rule. It will also be a sneak-peek into the fascinating world of cryptology, where participants shall be given a cipher to break, using some given tools and techniques. This event is expected to be a launch pad for a whole new culture in the college, and promises to be a crowd-puller.

## **IRIS '09**

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16. **DA INFORMALZ:** This event is a break from the monotonic nature of technical events and just rejuvenates the participating crowd into fun and frolic with dance and music. Rock band performance and one-minute games would be the clincher for this event.

Adding to the above there would be :

1. **CORPORATE ASSOCIATES**
2. **GUEST LECTURES**

**Hope IRIS 2009 will be a feather in the cap of TECHNOBYTE and a milestone in the chapter of NIT Kurukshetra.**

## BUDGET FOR IRIS – 2009

ITEMS	PRICE	QUANTITY	TOTAL
Publicity	--	--	60000
Stationary	--	--	15000
Invitation	--	--	12500
Transportation	--	--	8000
Cash Prizes	--	--	60000
Mementos	--	--	12000
Souvenir	--	--	8000
Certificates	20	600	12000
Decoration	--	--	10000
Hospitality	--	--	10000
Catering	---	--	7000
<b>GRAND TOTAL</b>			<b>Rs. 2,14,500/-</b>

**TOTAL EXPECTED EXPENDITURE : Rs. 2,14,500**

### **Modes Of Sponsorship and Corresponding Rates**

#### **Individual Banner:**

Individual banners of the sponsors can be put in the institute, outside the halls and in the Computer Engineering Department. The banner has to be provided by the sponsor. (Only for a sponsorship amount of more than Rs. 7500)

#### **Poster:**

The poster of IRIS'09 will be send to various institutes across the country, and several copies will also be displayed in the Institute at various notice boards. A logo of the sponsor will be placed on the poster. (Only for a sponsorship amount of more than Rs. 15000)

#### **Pamphlets:**

Pamphlets of the fest will be circulated in the institute for 1 week before the fest. Logo of the sponsor can be put on the pamphlets. (Only for a sponsorship amount of more than Rs. 7500)

#### **Prizes:**

Sponsors are invited to sponsor prizes of various events. A sponsor of a particular event will be given enough advertisement space during the event and will also be given special mention during the valedictory function.

#### **Website:**

A logo of the sponsor along with a special mention will be put on the website of the fest. Since the website will be viewed by a lot of students from various colleges, this will give a good exposure to the sponsor.

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