Faculty Web Page  
(As on 19 April. 2010)

<table>
<thead>
<tr>
<th>Name: Dr. S. K. NATH</th>
<th>Designation: Professor</th>
<th>Date of Birth: 30-05-1955</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Department/Centre:</strong> Met. &amp; Mat. Engg. I.I.T. Roorkee</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Date of joining the Institute (DD/MM/YY):**

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Reader/Asstt. Professor</th>
<th>Assoc. Professor</th>
<th>Professor</th>
<th>Head of Department</th>
</tr>
</thead>
</table>

**Educational qualifications**

<table>
<thead>
<tr>
<th>Degree</th>
<th>Name of Degree</th>
<th>Subject</th>
<th>Institution</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor</td>
<td>B. E.</td>
<td>Metallurgy</td>
<td>University of Roorkee</td>
<td>1977</td>
</tr>
<tr>
<td>Doctoral</td>
<td>Ph.D.</td>
<td>Physical metallurgy</td>
<td>University of Roorkee</td>
<td>1990</td>
</tr>
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**Experience**

- **Teaching Experience Under Graduate and Post Graduate:** 29 years
- **Research Experience:** 29 years

**Projects/Dissertation guidance:**

- B.E/B. Tech : 50
- M. Tech.: 29
- Doctoral (Ph.D.): 04
- In progress: 04

**Sponsored research projects**

- **Completed:** 05 Nos.
- **Amount:** Rs. 51 lakhs

**Consultancy projects:**

- **Completed:** 10 Nos.
- **Amount:** 50 lakhs

**Publications**

- **Referred Journals:** 34
- **Conferences:** 47

**Book edited:**

Courses Revised/Developed:
1. Revised the syllabus of B. Tech II, III and IV year
2. MT-516 Principle of materials selection
3. MT-528 Tribology of materials

Some Recent publications:


Honours and Awards:
1. Visited Universite de Paris Sud, Orsay, France in 2004 under I.N.S.A. exchange of scientist programme

Memberships of societies:
1. Life member of Institution of Engineers, India.

Member of Board of Governor:
1. Mahadevi Institute of Technology, Dehradun.

National/International Collaboration:
1. Development of erosion resistant steel for hydro turbine with N. M. L. Jamshedpur.

Current Research Interests:
1. Development of materials for tribological applications.
2. Physical simulation on steels using Thermo mechanical Simulator Gleeble 3800.

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