Atta Deep Bhav!

Oct 15th, 2001
USA

Dear Friends,
        Jai Bheem.

"Atta Deep Bhav!" is a new monthly news article starting from May 15th 2001 and will come to you every 15th day of the month. As the name means, "Be Thy Own Light!" this is the article for Indian Buddhist students who are willing to follow the path of "Atta Deep Bhav!" in life. We are pleased and honored to start this article for the following objectives.

Objectives:

   To encourage as many Indian Buddhist students as possible, to get a good job in the United States of America and overseas.
   To give them an overview of the trends around and the coming opportunities.

To achieve these objectives, we have an earnest and sincere desire to give correct, complete and very useful information about the current career trends in any field, mainly focussing on Computer and Information Technology.

First few Lines from our Desk…

        To every single Buddhist student in India, we wish to convey through this article that though we work here, very far from India, we care for you all. We will do our best possible to provide you with good information. But one very important thing you all need to keep in mind: It is you who should take a deep and enthusiastic interest to make your own individual career dreams true. Its you who needs to strive hard to achieve success.
        Finally, with the thought that the heart of every Buddhist student will beat in sympathy for every other Buddhist student and with the hope that you will share this information with as many Buddhist students as possible.
        Depending upon the suggestions and response from the readers, we are wholeheartedly open for making changes but within the framework of making this article a powerful source of right career related information for Indian Buddhist students.
 (Get online source of Atta Deep Bhav! at: **http://www.ambedkar.org/adb/**)

With much Metta,
Sachin Kasbe
Pankaj Meshram
Ajit Nandagawali

Contacts:

For any help, detailed information about any news, you can, without slightest hesitation, contact the following:

Sachin Kasbe	Pankaj Meshram	Ajit Nandagawali
421 Van Buren Ave. North	2727 Nelson Road	860 Robbie View
Apt. # 129,	Apt. # F-206,	Apt. # 1012
Hopkins, Minneapolis	Longmont	Colorado Springs
Minnesota – 55343	Colorado – 80503	Colorado – 80920
USA	USA	USA
Phone: +1-952-933-3781	+1-720-652-0187	+1-719-535-8966
Email: sachin_kasbe@yahoo.com	pankaj_meshram@yahoo.com	anadagawali@yahoo.com

Atta Deep Bhav!

Thus Spoke Ambedkar:

Caste cannot be abolished by inter caste dinners or stray instances of inter caste marriages. Caste is a state of mind. It is a disease of mind. The teachings of the Hindu religion are the root cause of this disease. We practice Casteism and we observe Untouchability because we are enjoined to do so by the Hindu religion. A bitter thing cannot be made sweet. The taste of anything can be changed. But poison cannot be changed into nectar.

Dr. B. R. Ambedkar

Immigration to Australia:

In this issue we will information about opportunities in Australia and information about immigration to Australia. Australia categorizes people coming to Australia mainly in these three categories: Migrating to Australia, Visiting Australia and Citizenship. We will provide here information about migrating to Australia and Visiting Australia for working in Australia.

Migrating to Australia:
Migration to Australia is possible under following types: Business People, Employer Nomination, Family Members, Humanitarian program and Skilled Migration. We will give information about Employer Nomination and Skilled Migration.

Employer Nomination is very similar to US H1B visa process. The Employer Nomination Scheme has been developed for Australian employers to recruit, on a permanent basis, highly skilled staff from overseas or temporary residents currently in Australia, when they have been unable to fill a vacancy from within the Australian labour market or through their own training programs. It is clear that you will need some Australian Employer to offer appointment first to be eligible for this and it works similar to US H1B visa process.

The skilled stream of Australia's Migration (non-humanitarian) Program is specifically designed to target migrants who have skills or outstanding abilities that will contribute to the Australian economy. This is again categorized in three types: **Independent Category** - for those who do not have a sponsor, or who choose not to be sponsored. You must be highly skilled and have education, skills and employability, which will contribute to the Australian economy. You must satisfy the basic requirements and pass the points test. **Skill Matching Category** - this category is not points tested. Consider this category if you satisfy the basic requirements but are not certain or it is unlikely you will pass the points test. **Family Sponsored Categories** - applications may have a greater chance of success if an applicant or their spouse has a relative in Australia who is willing to sponsor and provide financial support.

Basic Requirement:
For General Skilled Migration to Australia, you or your spouse must be able to satisfy all of the following basic requirements: **_Age_** -You must be under 45 when you apply. **_English language_**-You must have sufficient ability in the English language for working in Australia. **_Qualification_**-You must have post-secondary (such as university or trade) qualifications (in a small number of occupations substantial relevant work experience may be acceptable) and your skills must have been assessed by the relevant assessing authority. **_Nominated occupation_** -When you apply, you must nominate an occupation, which fits your skills and qualifications. Your nominated

occupation must be on the Skilled Occupations List (SOL). This SOL is again very extensive list of jobs (similar like Canada. Please visit: **http://www.immi.gov.au/allforms/pdf/1121i.pdf**)
Recent work experience -This requirement is separate to the need to have your skills assessed as suitable for your nominated occupation before you apply.

Visiting Australia:
Other than tourism study and temporary working in Australia also falls in ***Temporary Residence Category***. This is slightly different from US H1B visa and more similar to US L1B visa or Employee transfer to Australia of companies operating in Australia. Temporary Residence category includes temporary entry for stays of up to four years in a wide range of categories, the most substantial of which are students, skilled employees, people establishing businesses and working holiday makers, with smaller numbers in categories such as sportspeople, media and film staff, entertainers, religious workers, retirees and occupational trainees.
In some situations, people who come to Australia for a temporary stay may apply to stay permanently. Information on staying permanently in Australia is grouped under a number of categories: Business Skills, Humanitarian, Family and Other Categories. More information on this is not relevant here.

        All this information and for any more information please visit the following link. Contrary, you can contact the Australian Embassy and collect more information about application procedures etc. **http://www.immi.gov.au/welcome.htm** and **http://www.australia.com**
Australia has lot of opportunities to offer and we believe that this information will provoke you to seek one more additional door towards progress.

Important Information:

1)   http://www.employment.com.au/
                This site and the following sites will give you information about the jobs (not necessarily Technical) in Australia. We believe that along with the information of immigration to Australia, this information about jobs in Australia will be very useful.

2)   http://jobsearch.deetya.gov.au/
3)   http://www.jobsearch.gov.au/default.asp?WHCode=0
4)   http://www.seek.com.au/index.asp
5)   http://australianit.news.com.au/search/
6)   http://www.dewrsb.gov.au/employment/publications/australianjobsreview/default.asp
7)   http://www.physics.adelaide.edu.au/jobs/AusJobs.html

Written Test Question Paper:

        The following paper is just a sample Question paper. Please try to practice many such question papers. This question paper is only supposed to give you an overview of the type of questions that can be asked in Written Tests.

 Q1) Which of the following involves context switch,
    a) System call   b) privileged instruction   c) floating point exception
    d) All the above   e) none of the above

Q2) In OSI, terminal emulation is done in
    a) Semillon   b) application   c) presentation   d) transport

Q3) The computer system has 25MHz processor, what is the time taken by the instruction, which needs 3 clock cycles.
a) 120 nano sec   b) 120 micro sec   c) 75 nano sec   d) 75 micro sec

Q4) For 1 MB memory no of address lines required are,
a) 11   b) 16   c) 22   d) 24

Q5) Semafore is used for:
a) Synchronization   b) dead-lock avoidance   c) box   d) none

Q6) class c: public A, public B
a) 2 member in class A, B shouldn't have same name
b) 2 member in class A, C shouldn't have same name
c) Both
d) None

Q7) OLE is used in
a) Inter connection in Unix
b) Inter connection in WINDOWS
c) Inter connection in WINDOWS NT

Q8) Write hex "FC6B" in Octal.

Q9) Macros and Function are related in what aspect?
a) recursion   b) varying no of arguments
c) hypochecking   d) type declaration

Q10) enum day = { jan = 1, feb=4, april, may}
what is the value of may?
a)4   b)5   c)6   d)11   e)none of the above

Q11) In following function, what is value of x?
```
Main ()
{
int x, j, k;
j=k=6; x=2;
x=j*k;
printf("%d", x);
}
```

Q12) What will be the value of f(5) if,
```
f(x)
{ if(x<=0)
  return;
else f(x-1)+x;
}
```

Q13) What will be value of y in the following piece of code.
```
int x=5;
y= x&y
```

Q14) What will be value of k?

```
i=20,k=0;
for (j=1; j<i; j=1+4*(i/j))
{
k+=j<10?4:3;
}
printf("%d", k);
```

Q15) What will be value of 'i' in the following?

```
int i =10
main()
{
        int i =20,n;
        for(n=0;n<=i;)
        {
                int i=10
                i++;
        }
        printf("%d", i);
}
```

Q16) f=(x>y)?x:y

a) f points to max of x and y
b) f points to min of x and y
c) error
d) f points to x only

Q17) main()

```
{
 int var=25,varp;
 varp=&var;
 varp p = 10;
 fnc(varp)
 printf("%d%d,var,varp);
}
```

a) 20, 55   b) 35, 35   c) 25, 25   d)55, 55

Q18) Which of the function operator can not be over loaded

a) <=
b) ?:
c) ==
d) *

Q19) If a=2, b=3, c=6 then c/(a+b)-(a+b)/c=?

Q20) In Static men cause more accidents. Which of the following conclusion is true?

a) Men drive more than once
b) Static give wrong information
c) Static give insufficient Information
d) Women are more cautious than Men are.