

Science Academies' Lecture Workshop on  
Theoretical and Computational  
Fluid Dynamics

**Registration Form**

Name:.....

Designation:.....

Level (M.Sc./M.Phil./Ph.D.).....

Major Subject.....

Department:.....

Name of the Institution:  
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Address for Communication:  
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Contact number:.....

E-mail :.....

Signature of the Participant

Signature of the HOD  
with seal

**RESOURCE PERSONS**

**Prof. T. Amaranath, FNASc**  
University of Hyderabad, Hyderabad

**Prof. P.V. Arunachalam, FNASc**  
Former Vice Chancellor, Dravidian University

**Prof. N.M. Bujurke, FNA**  
Karnatak University, Dharwad

**Prof. S. Saravanan**  
Bharathiar University, Coimbatore

**Prof. I. S. Shivakumara, FNASc**  
Bangalore University, Bangalore

**Prof. R. Usha**  
IIT Madras, Chennai

**Prof. G. D. Veerappa Gowda, FNA**  
TIFR Bangalore

**Course Convener**  
**Prof. P.V. Arunachalam, FNASc**  
Former Vice Chancellor  
Dravidian University, Kuppam

**Course Coordinator**  
**Dr. M. Muthamilselvan**  
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**Science Academies' Lecture**

**Workshop on**

**Theoretical and Computational  
Fluid Dynamics**

**October 04-06, 2017**

*Sponsored by*

Indian Academy of Sciences, Bengaluru  
Indian National Science Academy, New Delhi  
The National Academy of Sciences, India,  
Allahabad



IAS



INSA



NASI

Organized by

**DEPARTMENT OF MATHEMATICS**



**BHARATHIAR UNIVERSITY**  
(Re-Accredited with "A" Grade by NAAC)  
COIMBATORE-641046  
TAMILNADU

## About University

The Bharathiar University was established at Coimbatore by the Government of Tamilnadu in February, 1982 under the provision of the Bharathiar University Act, 1981 (Act 1 of 1982). The Postgraduate Centre of the University of Madras, which was functioning in Coimbatore before 1982 formed the core of the Bharathiar University. In May, 1985 the University received the recognition from University Grants Commission (UGC) New Delhi for the purpose of grants. The University opted for an evaluation by the National Assessment and Accreditation Council (NAAC) of the University Grants Commission. The apex council NAAC awarded "A" grade and subsequently re-accredited with "A" grade in the year 2016. In 2014, the University was ranked as 29th position by India Today. Also the University ranked 28th in National Institutional Ranking Framework (NIRF).

The UGC Supports 12 of our Departments through its Special Assistance Programme (UGC SAP) to encourage the pursuit of excellence and teamwork in advanced teaching and research to accelerate the realization of international standards in specific fields with a grant of more than 5 Crores. The University established the DRDO-BU Centre for Life Sciences as a joint venture by DRDO, Bharathiar University and Government of Tamilnadu (Phase-I -Rs.14 Crores and Phase-II - ~Rs.24 Crores) to engage research in advanced areas of Life Sciences and Multidisciplinary Areas which are relevant to defense.

## About Mathematics Department

The Department of Mathematics was established in 1978 as the Department of Applied Mathematics in the erstwhile Post Graduate Centre of University of

Madras. Later in 1982 when the Bharathiar University was formed by the Government of Tamilnadu the Department came under the aegis of Bharathiar University. In 2002 Department was recognized by UGC as UGC DRS Centre for Fluid Dynamics under the Special Assistance Program. Recently it has been upgraded for the third stage of UGC (SAP). The Department offers M.Sc., M.Phil. and Ph.D. programmes in Mathematics with more emphasis on Applied Mathematics. The Department conducts various research activities which are fundamental and applied in nature and in particular, Computational Fluid Dynamics, Differential Equations, Fuzzy Mathematics. Currently Department has ten faculties in different cadres. The Department is getting a separate library grant of Rs. 6 lakhs every year from the NBHM and we have good collection of foreign books in our library. The Department has an international standard smart class room facility to give the lecturers and seminars. The Department has published more than 800 research papers in international and national journals. Several of them are published in Science Citation Indexed Journals. Due to this contribution all of our full time Ph.D. research scholars have obtained Post Doctoral Fellowships in foreign countries. The faculty members are periodically visiting foreign Universities for carry out the research in the frontier areas.

## Science Academies

**Indian Academy of Sciences (IAS)** was founded in 1934 by Sir C.V. Raman, Nobel Laureate. Its objectives include promoting the progress and upholding the cause of science, both in pure and applied branches. The Academy recognizes the special relationship of scientific creative activity with the process of education and holds that the course

of discovery, includes the identification and nurturing of scientific talent amongst the young.

**Indian National Science Academy (INSA)** was established in January 1935 with the object of promoting science in India and harnessing scientific knowledge for the cause of humanity and national welfare.

**The National Academy of Sciences, India (NASI)** was founded in the year 1930, with the objectives to provide national forum for the publication of research work carried out by Indian scientist and to provide opportunities for exchange of views among them.

## Aim of the Workshop

In keeping with the University vision of cultivating a culture of academic excellence on campus, the department organizes seminars, conferences and workshops to sustain high quality education in the discipline of mathematics. The objective of the workshop is to enable theoretical understanding, application, and analysis of fluids dynamics to problems relevant to Industry. With this focus, the workshop topics aim to open up greater options for research and course offerings in the field of fluid dynamics.

## Registration

PG Students, M.Phil./Ph.D. Scholars and Faculty members from recognized Institutions. There is **no registration fee** to attend the workshop. Limited participants will be permitted and registration is done on the basis of "First Comes First Served". **No spot registration**. Those who wish to participate in the lecture workshop should send the filled registration form to the **Coordinator on or before 25th September 2017** either by post or mail.



*S. Sathyanarayanan*

**Professor and Head  
Department of Mathematics  
Bharathiar University  
Coimbatore - 641 046**

## Workshop on Theoretical and Computational Fluid Dynamics

Date: 04 – 06 October 2017

### Participant Detail

Sl. No.	Reg. No.	Student Name
1	16MATA001	Amsaveni R
2	16MATA005	Dhivya S
3	16MATA007	Gayathri S
4	16MATA008	Gomathi P
5	16MATA010	Hari Priya R
6	16MATA011	Indhumathi K
7	16MATA012	Jayasri M
8	16MATA015	Malarvizhi M
9	16MATA017	Manopriya G
10	16MATA021	Padmasri S
11	16MATA022	Pavithra Priya P
12	16MATA023	Pavithra P
13	16MATA024	Prathiba B
14	16MATA026	Priyanka P
15	16MATA028	Punitha M
16	16MATA031	Sabeetha K
17	16MATA033	Sevanthi C
18	16MATA034	Shajitha A
19	16MATA036	Shipiya Raj Shree S
20	16MATA038	Soundarya P
21	16MATA039	Sowndharya R
22	16MATA040	Suruthi Sri C A
23	16MATA041	Suvetha R
24	16MATA042	Sweetha S
25	16MATA044	Hemavathy K S
26	16MATA045	Kannan K
27	16MATA047	Murugan K
28	16MATA048	Nandhini N
29	16MATA050	Periyasamy M
30	16MATA051	Rajamanickam T
31	16MATA054	Sowndharraj S
32	16MATA055	Vasanthakumar M
33	16MATA056	Venkatachalam S
34	16MATA057	Vinoth G
35	16MATA058	Yasotha M
36	16MATA102	Aparna R
37	16MATA103	Aravindh S R
38	16MATA106	Bharanipriya M
39	16MATA107	Deepika Rani R
40	16MATA108	Deepika M
41	16MATA109	Geetha R

S. Sankar

42	16MATA111	Jaisri M
43	16MATA112	Jana Priya K
44	16MATA113	Joshua Anand A
45	16MATA114	Jothilakshmi S
46	16MATA115	Justin Innocent J
47	16MATA117	Kavipriya P
48	16MATA118	Kaviya S
49	16MATA120	Kiruthika S
50	16MATA121	Kizha Selveswari M
51	16MATA122	Mohana S
52	16MATA125	Pavithra S
53	16MATA126	Pooranimahimtha M
54	16MATA128	Preethi D
55	16MATA129	Priya M
56	16MATA132	Renuka J
57	16MATA133	Sangavi K
58	16MATA134	Sangeetha M
59	16MATA136	Sathish S
60	16MATA138	Shankar M
61	16MATA139	Shanmugapriya R S
62	16MATA140	Shanmugapriya S
63	16MATA141	Shivasivapriyaa R S
64	16MATA143	Tamilselvi S
65	16MATA145	Vasudevan P
66	16MATA147	Visakamoorthi B
67	16MATA148	Vishnu Priya S
68	17MATA01	Agila M
69	17MATA02	Aishwarya Nandhini R
70	17MATA03	Akila B
71	17MATA04	Archana K
72	17MATA08	Birundha Devi N
73	17MATA09	Chesintha C
74	17MATA10	Gayathri S
75	17MATA11	Hariharan S
76	17MATA12	Jansirani A
77	17MATA13	Jisna John
78	17MATA14	Kannan R
79	17MATA16	Karthika C
80	17MATA17	Karthika R
81	17MATA19	Kokila K
82	17MATA22	Loganayaki C
83	17MATA24	Megala P
84	17MATA25	Menaga V S
85	17MATA26	Mercy Jenifer V
86	17MATA27	Mohana Nandhini P
87	17MATA28	Mounika A
88	17MATA29	Myvilichelvi K M

89	17MATA31	Pasupathi R
90	17MATA32	Pavithra M
91	17MATA33	Preethi S
92	17MATA34	Prema B
93	17MATA35	Priyanka M
94	17MATA36	Priyanka R
95	17MATA37	Ranjitha S
96	17MATA38	Sasirekha S
97	17MATA39	Shruthi C
98	17MATA40	Sri Raja Priyanka K
99	17MATA41	Suguna S
100	17MATA42	Tamilarasan M
101	17MATA43	Vijithra V K
102	17MATA45	Angelin Mabel K
103	17MATA46	Aruna S
104	17MATA48	Balasaranya N
105	17MATA49	Deepika C
106	17MATA50	Divya S
107	17MATA52	Gunasundari J
108	17MATA53	Karthi M
109	17MATA55	Karthickraja S
110	17MATA57	Logeshwaran S
111	17MATA59	Madhavakumar M S
112	17MATA60	Madhupriya R
113	17MATA61	Nandhini N
114	17MATA62	Pavithra J
115	17MATA64	Priya N
116	17MATA68	Sathishkumar P
117	17MATA69	Selvakumar R
118	17MATA70	Sivakumar C
119	17MATA73	Sridevi J
120	17MATA76	Vinothini S

*S. Sarav*

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