



अखिल भारतीय तकनीकी शिक्षा परिषद्

(भारत सरकार का एक सौविधिक निकाय)

(शिक्षा मंत्रालय, भारत सरकार)

नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली-110070

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A Statutory Body of the Govt. of India)

(Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Phone : 011-26131577 - 78, 80

011-29581000

Website : www.aicte-india.org

TRAINING AND LEARNING BUREAU

Sanction Letter

F. No. AICTE/ATAL/2024

Date-21/11/2024

To

The Coordinator,

Sub: Sanction of the Competent Authority for conduct of **Six Day Online Faculty Development Programme** under AICTE Training & Learning (ATAL) Programme for the financial year 2024-25 reg.

Sir/Madam,

This is to convey the sanction of the Competent Authority of the Council for conduct of **Six Day Online Faculty Development Programme** under AICTE Training & Learning (ATAL) Programme for the financial year 2024-25 and for payment of **Rs. 1,00,000/- (Rupees One Lakh Only)** as Grant- In -Aid on reimbursement mode upon submission of Documents mandated:

The instructions/guidelines to be followed by University/Institution

I. Release of funds

(a). The maximum cost for conducting per programme will be of **Rs. 1,00,000/-** as per detail given as under:

1	Honorarium to Coordinator	Rs8,000/-
2	Honorarium to Co-coordinator	Rs5,000/-
3	Honorarium for computer operator	Rs2,000/-
4	Honorarium for experts (Rs.5000/ session for 11 sessions)	Rs55,000/-
5	Honorarium for overseas experts (Rs.10000/ session for 02 sessions)	Rs20,000/-
6	Miscellaneous charges (petty expenses, recording etc. which is not covered above)	Rs10,000/-
	TOTAL	Rs.1,00,000/-

#Maximum amount mentioned against each head will not be relaxed and expenditures are to be restricted to head-wise maximum limits

(b) The grant is subject to reimbursement on the basis of submission of the following documents:

- Utilization Certificate (UC) & Statement of Expenditure (SoE) (As per Annexure –I & Annexure II)
- Program Completion Report along with Photographs, and Media Report
- Bank Mandate Form (As per Annexure -III)
- Link of Recorded FDP video and link of video of some participant's feedback after uploading it on YouTube.



सूचना का
अधिकार

- (v) Compulsory Online Feed-back from all the participants
- (vi) List of the candidates who have successfully completed the program on the basis of the online test conducted by program coordinator.
- (c) The amount of the Grant-in-Aid bill shall be reimbursed and credited to the account of **the institute through RTGS.**
- (d) This Grant-in-Aid will be reimbursed in conformity with the terms & conditions as well as norms of the scheme as already communicated vide the scheme document.
- (e) The sanctioned grant-in-aid is debitable to the AICTE Training & Learning (ATAL) Academy Programme Scheme and is valid for payment for FDP conducted during the **financial year 2024-25** only.
- (f) In case it is revealed that any vigilance case/ grievance is pending against the institute or punitive action has been initiated against the institute for violation of AICTE norms, the Grant-In-Aid released to the institute will be liable to be refunded along **with interest @, of 10% per annum.**

2. Maintenance of Account by the Institute/University

- (a) The University/College/ Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilised only on approved items of expenditure as given above.
- (b) The Council or its nominee shall have the right to check/ verify the account to satisfy that the fund has been utilised for the purpose for which it was sanctioned.
- (c) All mandatory documents **in original, in hardcopy** be submitted to The Director, Training & Learning Bureau, All India Council for Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi - 110070 within fifteen days of completion of the program.

II. Distribution of funds to institutions,

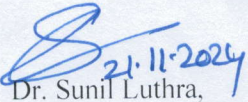
Full and final Amount of the grant sanctioned on actual basis with maximum i.e. Rs. 1,00,000/- will be reimbursed to the University/Institute through electronic transfer in the account of the University/Institute after submission of mandatory documents and bank mandate form.

III. General Instructions

- (a) Minimum 100 number of participants is required to conduct the FDP, of which maximum 20% from host institution (relaxed to 30% for North Eastern states Jammu, Kashmir, Ladakh and Andaman & Nicobar Islands).
- (b) A test has to be conducted on the last day accordingly and those who score more than 70% will be termed as successful candidates. Those who have attendance 80% or more and also score more than 70% in the test will be issued a digital certificate.
- (c) Eligibility for institutions and participants are as laid out in the scheme guidelines
- (d) No fees shall be charged from any participant for attending the FDP.

- (e) The institute should bear the expense incurred in addition to the fund granted by AICTE from their own resources.
- (f) Terms and conditions laid out in the Scheme Guideline for AICTE TRAINING & LEARNING ONLINE FACULTY DEVELOPMENT PROGRAMME 2024-25 will be final and binding.
- (g) This email is to be considered as the sanction for conduct of the FDP and claiming reimbursement.

Yours Sincerely,


21.11.2024
Dr. Sunil Luthra,

Director

Training and Learning Bureau, AICTE



**BONAM VENKATA CHALAMAYYA INSTITUTE
OF TECHNOLOGY AND SCIENCE (A):
BATLAPALEM**



ANNOUNCES

6 Days Online FDP On

**RECENT TRENDS IN HIGH
PERFORMANCE COMPUTING
USING AI**

17/02/2025 – 22/02/2025

Organized by

**DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING**

ABOUT THE INSTITUTE:

Bonam Venkata Chalamayya Institute of Technology & Science (A) Batlapalem is established in 2002, with Civil, Mechanical, EEE, ECE, CSE and IT Programmes with intakes of 60 each. Later on Intakes were increased in each programme and present our institute offers CE,EEE,ECE,,CSE, CSE-AIDS, ML and IT programmes in UG Engineering and BCA,BBA courses in UG non Engineering PG courses of M.Tech (CSE), M.Tech (ECE), MCA, MBA. Total intake is 780 in UG Courses and 198 in PG courses. Sri Bonam Kanakayya, Son of Sri Bonam Venkata Chalamayya, a philanthropist & strong enforcer of the adage.Built around the Ancient concept of Gurukulam, making it a picturesque learning environment for students and teachers.



The campus is located at Amalapuram which is the district head quarter of Dr B R Ambedkar Konaseema district, Andhra Pradesh. The campus is wifi enabled, ragging free, eco-friendly & ventilated, secure and most importantly conducive to learning armed with proficient & accomplished faculty members, state of the art learning centres. The Institute is approved by AICTE, new Delhi, Permanently affiliated to JNTUK, KAKINADA. The Institute is awarded UGC Autonomous in 2023,Accredited by NAAC- A grade and Two Programmes (EEE,CSE) are NBA Accredited for 3 Years (from A.Y June 2023 to 2026).

COURSE CO-ORDINATOR:

Dr. K SRINIVAS,
Professor of CSE & HOD.
hodcse.bvts@bvcgroup.in
+919652946668



COURSE CO CO-COORDINATOR

Dr. ANURAGH V,
Associate Professor of CSE
anuraghv@bvcits.edu.in
+918985761009



REGISTRATION FEE:

No registration fee. Participation is free for all industry professionals, institutional/faculty members, students, and research fellows.

Overview :

High Performance Computing presents new research field relating to high performance parallel and distributed systems used in both academia and industry. It has been the center of newdiscoveries in systems such as clusters, grids, clouds, parallel and multicore computers. Over all the applications of high performance computing are based on special type of



planning which includes system selections, acceptance test, bench marks and may others. The current data growth rate signifies that high-performance computing will be coming to every industry sector sooner or later. This workshop will cover both hardware and software aspects of High Performance Computing. Area of discipline is developing parallel processing algorithms and softwares so that the program is divided into small independent parts and can be executed simultaneously by independent processors.

Objective:

The primary objective of this capacity-building faculty development program(FDP) is to introduce to the participants the notable trends in HPC namely Accelerated computing using GPUs, Energy-efficient computing, Cloud HPC and Automation using AI integrated Tools, Green HPC , Cloud HPC, HPC applications and Future High Performance Computing Technologies.

Outcome:

To enable the faculty members ,research Scholars and PG Students to enhance their understanding and practical skills in High Performance Computing and various emerging technologies using Artificial intelligence.

**ABOUT DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING:**

The Department of Computer Science and Engineering was started in the year 2002 with an annual intake of 60 undergraduate students later on increased to 180. The department of CSE also offers M.Tech CSE program with intake of 9 seats. The department is accredited by NBA from A.Y 2023 to 2026. The objective is to strive persistently for achieving excellence in

computing disciplines. It is being pursued through its spectrum of academic programmes in computing of contemporary standards. The main aim is to produce computing graduates with potential to design and develop systems involving the integration of software and hardware devices, make innovative approaches to programming and solving problems, create large scale software systems and computing infrastructure of an organization.

All the required laboratories have been established with state-of-the-art technology to impart up-to-date, advance knowledge to our students so that they are well equipped with the skills required to give consistent and best quality performance in their Endeavor. We aim to establish the department as one of the prime departments in the faculty of engineering at JNTUK, Kakinada.

Course Contents:

- Fundamentals of HPC
- Issues and services of HPC
- HPC Architecture
- Super Computing Architecture and Process Scheduling
- Introduction to many integrated cores
- Accelerated Computing
- HPC for AI and AI for HPC
- Parallel Programming
- GPU Programming
- Green aspects of HPC
- HPC & Cloud
- HPC Applications
- HPC Technology Trends and Future

Experts:

Highly learned and experienced persons from JNTUK, KLU and Industry.

Overseas Experts:

Mr. Venkata Gurram

Vice President, J P Morgan & Chase, New Jersey, USA



Mrs. Anantha Lakshmi Mamidi

Sr. Software Engineer, FISERV SOLUTIONS LLC, Alpharetta, Georgia, USA



Mr. G Raghava

Architect, Alstom, Software and systems industrial automation Bangalore



Industry Experts:

Dr. V C V Rao

Rtd Senoir Director, C-DAC Pune.
Adjunct Professor, Dept. Of CSE.
MNIT, Jaipur



Mr. Y Satya Swarup

Rtd. Program Director, HPC-AI Infra & Ops),
C-DAC Pune.



Mr. A D M Naidu

Cloud Engineer
LTM MINDTREE
Hyderabad



Academic Experts:

Dr. M H M Krishna Prasad

Professor, Dept. of CSE
University College of Engineering,
JNTUK, Kakinada



Dr. K V D Kiran

Professor, Dept. of CSE
KL Deemed to be University
Vaddeswaram, Guntur Dist.



Dr. S S S Usha Devi N

Asst. Professor, Dept. of CSE
University College of Engineering,
JNTUK, Kakinada



Who Should Attend?

This course is aimed at engineers, faculty of engineering at UG/PG levels, PG students, Research Scholars, practicing engineers in government & industry of various disciplines, who intend to learn and / or teach in the domain of HPC.

Important Dates & Address for Correspondence:

Last date of Registration: **15-02-2025** Intimation of confirmation: **16-02-2025**.

Address for Correspondence

Dr. Anuragh V

Associate Professor,
Department of Computer Science & Engineering,
BONAM VENKATA CHALAMAYYA INSTITUTE OF
TECHNOLOGY & SCIENCES (A), BATLAPALEM-533221
Email: anuraghv@bvcits.edu.in
(M)+918985761009

REGISTRATION FORM

FDP on Recent Trends in High Performance Computing using AI

Full Name :

Designation :

Department :

Organisation :

Experience (in years)- Teaching:

Industry:

Address of Correspondence:

.....

Pin Code:

Phone:

Mobile No.: E.mail

.....

Registration Category: (Please Tick)

- ☐ Participants from Industry
- ☐ Students & Research Scholars
- ☐ Institutional Participants / Faculty Members

Date:

Signature of the Participant

Signature & stamp of the Sponsoring Authority
(Please post/email your completely filled Registration form)

BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY AND SCIENCE(A),AMALAPURAM

ATAL Online 6 Day Faculty Development Programme-2024-25 Schedule

FDP Thrust Area:**HIGH PERFORMANCE COMPUTING**

FDP Title: **RECENT TRENDS IN HIGH PERFORMANCE COMPUTING USING AI**

Start Date:**17/02/2025**

End Date: **22/02/2025.**

Day1	Day2	Day3	Day4	Day5	Day 6
6:00PM to 6:30PM Inaugural Session	6:00PM to 7:30PM Session 3 Topic: HPC Architecture Name of the Expert: Mr. G Raghava Designation: Architect, Alstom Organization: Software and systems industrial automation Bangalore Years of Exp: 20 Yrs	6:00PM to 7:30PM Session 5 Topic: Introduction to many integrated cores and CUDA Programming Name of the Expert: Dr SSS N Usha Devi N Designation: Asst. Professor of CSE Organization: University College of Engineering, JNTUK, Kakinada Years of Exp:12 Yrs	6:00PM to 7:30PM Session 7 Topic: HPC for AI and AI for HPC Name of the Expert: Dr V C V Rao Designation: Adjunct Professor, Dept.of CSE. (Rtd Senior Director,CDAC PUNE) Organization:MNIT,Jaipur Years of Exp:30 Yrs	6:00PM to 7:30PM Session 9 Topic: GPU Programming Name of the Expert: Dr. K V D Kiran Designation: Professor, Dept. of CSE Organization:KL Deemed to be University Years of Exp:20 Yrs	2:00PM to 3:30PM Session 11 Topic: Green Concepts for HPC Name of the Expert: Name of the Expert: Mr Y Satya Swarup, Designation: Associate Director (Retired), Super Computing Division, Organization: CDAC ,PUNE . Years of Exp: 30 Yrs
6:30PM to 8:00PM Session 1 Topic: Fundamentals of HPC Name of the Expert: Dr SSS N Usha Devi N Designation: Asst. Professor of CSE Organization: University College of Engineering, JNTUK, Kakinada Years of Exp:12 Yrs	7:30PM to 9:00PM Session 4 Topic: HPC –Super Computer Architecture and Process Scheduling Name of the Expert: Mr Y Satya Swarup, Designation: Associate Director (Retired), Super Computing Division, Organization CDAC, PUNE . Years of Exp: 30 Yrs	7:30PM to 9:00PM Session 6 Topic: Accelerated Computing Name of the Expert: Mr. A D M Naidu Designation: Cloud Engineer Organization: LTM MINDTREE , Hyderabad Years of Exp:10 Yrs	7:30PM to 9:00PM Session 8 Topic: Parallel Programming Name of the Expert: Mr. VenkataGurram Designation: Vice President Organization:J P Morgan &Chase,New Jersey, USA Years of Exp:22 Yrs	7:30PM to 9:00PM Session 10 Topic: HPC & Cloud Name of the Expert: Dr.M H M Krishna Prasad Designation: Professor, Dept. of CSE Organization: University College of Engineering, JNTUK, Kakinada Years of Exp:25 Yrs	3:30PM to 5:00PM Session 12 Topic: HPC Applications Name of the Expert: Mrs.Anantha Lakshmi Mamidi Designation: Sr.Software Engineer Organization: FISERV Solutions LLC,Alpharetta, Georgia, USA Years of Exp:20 Yrs
8:00PM to 9:30PM : Session 2:Topic: Issues and services of HPC , Name of the Expert: Dr V C V Rao Designation: Adjunct Professor, Dept.of CSE. Rtd Senior Director,CDAC Pune. Organization: MNIT,Jaipur, Years of Exp:30 Yrs	 NO REGISTRATION FEE				5:00PM to 6:30PM : Session 13:Topic: HPC Technology Trends and Future Name of the Expert: Dr.M H M Krishna Prasad Designation: Professor, Dept. of CSE Organization: University College of Engineering, JNTUK, Kakinada Years of Exp:25 Yrs
Registration link: https://atalacademy.aicte-india.org/login (Registered participants can directly log in and APPLY (+) for ATAL FDP 1730710618)					6:30PM to 7:30PM ONLINE TEST FEEDBACK 7.30PM to 8 PM VALEDICTORY SESSION

**BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY AND SCIENCE (A)
BATLAPALEM, AMALAPURAM-533221.**

UTILIZATION CERTIFICATE

ATAL SIX DAY ONLINE FDP GRANT IN AID FOR THE FINANCIAL YEAR 2024-25

Name of the Scheme under which Grant was sanctioned : **ATAL 6-Days Online Faculty
Development Program for
the academic year 2024-25.**

Name of Coordinator : **Dr KATIKIREDDY SRINIVAS**

Application No. (As per ATAL Portal): **1730710618**

Title of the FDP : **RECENT TRENDS IN HIGH PERFORMANCE
COMPUTING USING AI**

Dates of Conduct of FDP : **17-02-2025 TO 22-02-2025**

S.No.	AICTE Email Date under which Sanction of the FDP & grant was Communicated	Amount (Rs.)	
1.	<u>21-11-2024</u>	Rs 1,00,000	Certified that out of the grant-in-aid of Rs. 1,00,000/- (One Lakh Rupees Only) sanctioned by AICTE during the financial year <u>2024-25</u> in favour of BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY AND SCIENCE(A) , a sum of Rs. 1,00,000/- has been utilized for the purpose for which it was sanctioned & to be received from AICTE at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: -

Audited Annual Accounts of the Institute, Receipt and Payment account, Periodical Progress Reports.

(1). Signature, Name & Address of the Coordinator
with seal: *Dr KATIKIREDDY SRINIVAS*
Date: *25/2/2025*
Professor of CSE, BVCITS, Amalapuram
Head of the Dept.,
Department of CSE
BVCITS, Amalapuram

(3). Signature of Chartered Accountant:
(if the institute is private/ aided)
Membership No: *203908*
Rubber stamp: *18/3/2025*
Date: *18/3/2025*



(2) Signature Name and Address of the Head
of Institute with seal: *PRINCIPAL*
Date: *25/2/2025*
BVC Institute of Technology & Science
BATLAPALEM, AMALAPURAM - 533221



(4). Signature of the FO/AO
(If the institute is Govt.)
Name of the FO/AO & Office stamp
Date:

Note: -If it is more than one page, each page must be signed in all annexures

UDIN: - 25203908 BMKXS*7680



BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE

(Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK Kakinada,
Accredited by NAAC 'A' Grade & NBA)



Batlapalem, Amalapuram, Dr.B.R.A.Konaseema Dist.-533201

☎ 08856-235416, 235489 ☎ 99854 22678

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Invitation to the Online ATAL FDP Inaugural Session ~ 17-02-2025



**AICTE Sponsored Online ATAL
One Week Faculty Development Programme
(17-02-2025 to 22-02-2025)**

on

**“Recent Trends in
High Performance Computing Using AI”**

— Inaugural Session **17th February 2025 at 06:00 PM** —

06:00 PM Inviting Dignitaries by

Dr. K Srinivas, Coordinator, Department of CSE, BVCITS

06:05 PM Welcome address by

Dr J V G Ramarao, Principal, BVCITS

06:10 PM About the Department by

Dr. K Srinivas, Head of the Dept. CSE, BVCITS

06:15 PM About the FDP by

Dr. K Srinivas, Coordinator, Department of CSE, BVCITS

06:20 PM Address by Chief Guest

Dr. V C V Rao, Rtd.Senior Director, C-DAC Pune

06:30 PM Vote of Thanks

Dr. Anuragh V, Co-Coordinator, Department of CSE, BVCITS

--- Department of CSE, BVCITS



BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE (AUTONOMOUS)

(Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK Kakinada,
Accredited by NAAC 'A' Grade & NBA)



Batlapalem, Amalapuram, Dr.B.R.A.Konaseema Dist.-533201

☎ 08856-235416, 235489 ☎ 99854 22678

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING Valedictory Ceremony



AICTE Sponsored Online ATAL
One Week Faculty Development Programme
(17-02-2025 to 22-02-2025)

on

“Recent Trends in High Performance Computing Using AI”

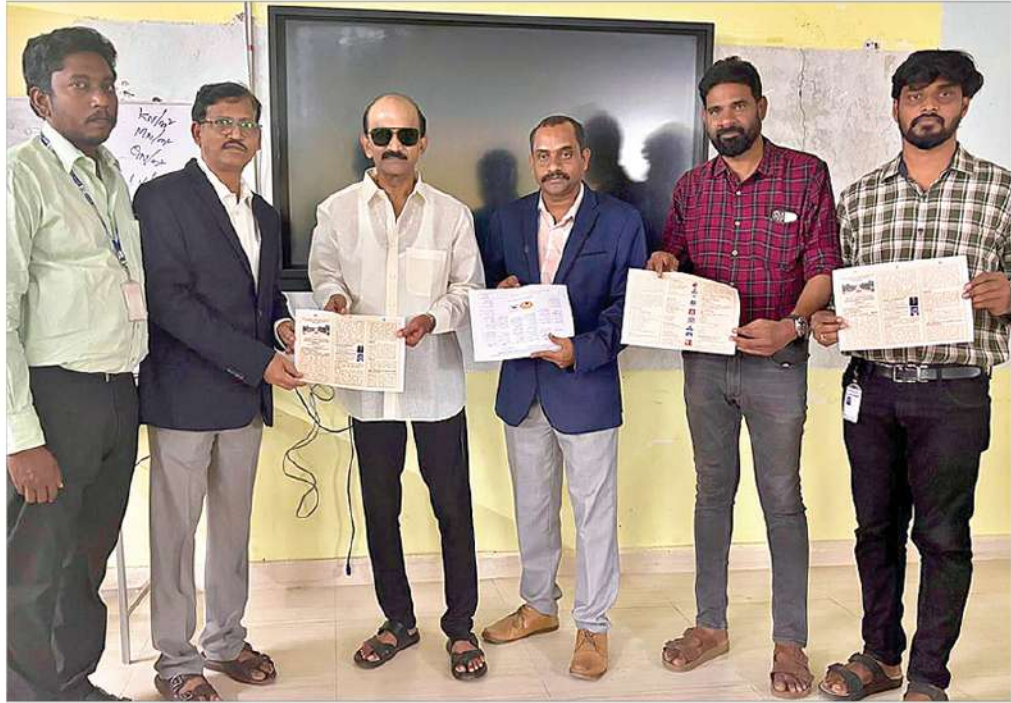
Date & Time: 22nd February 2025 at 7:30-8:30 pm

- 07:30 PM Welcome address by
Dr. K Srinivas, Coordinator, Department of CSE, BVCITS
- 07:35 PM Feedback Form:
FDP Participants
- 07:45 PM Chief Guest
Prof. Dr J V G Ramarao, Principal, BVCITS
- 07:50 PM Guest of Honor
Mr. Venkata Gurram, Vice President, J P Morgan, USA
- 07:55 PM Closing remarks by
Dr.M C S MADAN, Vice Principal, BVCITS
- 08:00 PM Vote of Thanks
Dr. Anuragh V, Co-Coordinator, Department of CSE, BVCITS

--- Department of CSE, BVCITS

FDP on high-performance computing commences

- The first session, “Fundamentals of HPC,” was led by Dr SSS Usha Devi N, while the second session on “Issues and Services of HPC” was conducted by Dr VCV Rao



DEEKSHITULA SUBRAHMANYAM
AMALAPURAM
(KONASEEMA DISTRICT)

THE six-day online Faculty Development Programme (FDP) on ‘Recent trends in high-performance computing using AI’ was launched at Bonam Venkata Chalamayya Institute of Technology & Science (BVCITS), Amalapuram under the AI-CTE Training and Learning (ATAL) initiative.

Retired senior director and scientist-G at C-DAC Pune and consultant for the National Supercomputing Mission Dr VCV Rao delivered the inaugural address. The event was attended by distinguished resource persons, including Dr Y Satya Swarup,

retired programme director of HPC-AI at C-DAC, Dr MHM Krishna Prasad, professor in the Department of CSE at JNTUK, Dr SSS Usha Devi N, assistant professor in the Department of CSE at JNTUK, Dr KVD Kiran, professor in the Department of CSE at KL University, Venkata Gurram, vice-president at JP Morgan & Chase in New Jersey, USA, ADM Naidu, cloud engineer at LTM Mindtree in Hyderabad, G Raghava, architect at Alstom in Bangalore, and Anantha Lakshmi Mamidi, senior software engineer at Fiserv Solutions, LLC in Alpharetta, Georgia, USA.

The first session, “Fundamentals of HPC,” was led by

Dr SSS Usha Devi N, while the second session on “Issues and Services of HPC” was conducted by Dr VCV Rao.

Dr JVG Rama Rao, principal of BVCITS, commended the initiative, appreciating the efforts of Dr K Srinivas, head of the Department of CSE, for organising the event and Dr V Anuragh, professor of CSE, for his coordination.

Chairman of BVC Group of Institutions B Krishna Satish, and secretary and correspondent B Kanakayya conveyed best wishes to the participants. Heads of various departments and administrative officers attended the session and expressed their support for the successful execution of the workshop.