

ANDHRA PRADESH AKADEMI OF SCIENCES, AMARAVATI

&

DR. B.R. AMBEDKAR UNIVERSITY, SRIKAKULAM

A.P. SCIENCE CONGRESS- 2019

Focal Theme: Science for Developing Areas

28th November, 2019

PROGRAMME SCHEDULE

08.00 - 09.30 AM	Registration
Chairman	Dr. D. Raghunadha Rao, President, APAS.
09.30 – 09.45 AM	Keynote Lecture by Dr. P. Devaiah on “Transforming Health Care in India”
09.45 – 10.15 AM	Keynote Lecture by Dr. KSMS Raghava Rao on “Food Process Engineering: Present Practices and Future Trends”
10.15-10.45 AM	Keynote Lecture by Dr. P. Ramesh Babu on “How to protect your heart – catch-up advanced technology”
10.45-11.15 AM	Keynote Lecture by Dr. D. Nageswara Reddy on “The Art of Medical Practice”
11.15-11.30AM	TEA BREAK
11.30AM	Arrival of His Excellency Governor of Andhra Pradesh & Chancellor of Dr. BRAU, Srikakulam & Other Dignitaries
11.30-11.32AM	Guard of Honour to His Excellency Governor of Andhra Pradesh
11.32-11.35AM	Garlanding of Dr. B.R. Ambedkar Statue Bust & Plantations by His Excellency Governor of Andhra Pradesh & Chancellor of Dr. BRAU, Srikakulam & Other Dignitaries
11.35-11.50AM	Laying Foundation Stone for “Indoor Sports Complex” by Shri. Biswabhusan Harichandan & other Dignitaries
11.50-11.55AM	Inauguration of Stalls and Workshop on "Empowering rural Indian craftsmen through technological interventions" (Organising in Association with NRDC, New Delhi - Dr.BRAU, SKLM) by Governor of Andhra Pradesh & other Dignitaries
11.55-12.00PM	Inauguration of Children's Science Congress by Governor of Andhra Pradesh & other Dignitaries
12.00-12.05PM	Welcoming the guests on to the dais by Prof.G.Tulasi Rao, Co-Chairman of APSC-2019
12.05-12.07PM	National Anthem
12.07-12.10PM	Inauguration of APSC – 2019 by Chief Guest and other Dignitaries and Prayer
12.10-12.13PM	Welcome address by Prof.K.Ramji, Hon' ble Vice-Chancellor, Dr.B.R. Ambedkar University, SKLM
12.13-12.16PM	Brief Activities of APAS by Prof. M.V. Basaveswara Rao, Hon. Secretary, APAS
12.16-12.18PM	Briefing on Activities of APSC – 2019 by Prof. K. Raghu Babu, Registrar, Dr.B.R. Ambedkar University, SKLM & Org. Secretary and Treasurer, APSC-2019
12.18-12.20PM	Briefing of Keynote, Distinguished, Invited Talks and Scientific Sessions by Prof. P. Sujatha, Principal, College of Science, Dr. BRAU, Srikakulam and Coordinator, APSC-2019
12.20-12.22PM	Message by Prof. H. Purushotham, Chairman & M.D, NRDC, New Delhi
12.22-12.25PM	Message by Prof. K. Hemachandra Reddy, Chairman, APSCH
12.25-12.30PM	Presidential Address by Dr. D. Raghunadha Rao, President, APAS, Amaravati
12.30-12.32PM	Message by Shri J. Nivas, IAS, Collector & District Magistrate, Srikakulam
12.32-12.35PM	Address by Shri. D. Prasada Rao, MLA, Srikakulam
12.35-12.37PM	Address by Shri G. Kirankumar, MLA, Etcherla
12.37-12.40PM	Address by Shri B. Chandrasekhar, M.P., Vizianagaram
12.40-12.45PM	Address by Shri D.Krishna Das, Hon'ble Minister for Roads and Buildings, Govt. of AP
12.45-12.50PM	Address by Dr. Adimulapu Suresh, Hon'ble Minister for Education, Govt. of AP
12.50-12.55PM	Address by Shri. T. Seetharam, Hon'ble speaker of legislative assembly, Govt. of AP

- 12.55-01.00 PM Release of Souvenir by Hon'ble Governor of AP & other Dignitaries
 01.00- 01.15PM Inaugural Address by His Excellency Sri. Biswabhusan Harichandan,
 Governor of A.P. & Chief Guest
 01.15-01.20PM Felicitations & Presentation of Mementos to the Chief Guest & other Dignitaries
 01.20-01.25PM Presentation of Awards to the Awardees (Life time achievement Awards – 6,
 Distinguished Scientists – 06 and Young Scientist awards – 9)
 (Reading of Citation during Felicitations: Prof. K. Raghu Babu, Prof. B. Addai,
 Co-Chairman of APSC-2019, Prof. P. Sujatha and Other Faculty)
 01.25-01.28PM Vote of Thanks by Prof. T. Kamaraju, Co-Chairman, APSC-2019

 National Anthem

28th November, 2019 (Post Lunch Session) **Children Science Congress (2.00-6.00 PM)**

Chairman: Prof. P. Sujatha, Principal, College of Science, Dr. BRAU
Venue: FF 127 - FF131

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Chairman: Prof. M.V. Basaveswara Rao, Hon. Secretary, APAS
Venue: Main Dias

- 02.00-02.30PM Keynote Lecture by **Dr. D. Raghunadha Rao** on “Science and
 Technology for Health Care in Developing Areas”
 02.30-03.00 PM Keynote Lecture **Dr. H. Purushotham** on “Research and
 Innovation: Key for quality higher education and economic
 development”

Distinguished Lectures

Venue: Main Dias

Chairman: Prof. M.V. Basaveswara Rao, Hon. Secretary, APAS

- 3.00-03.30PM **Dr.Sathyanarayana N. Gummadi**, Indian Institute of
 Technology, Madras “Biological Role of Human Phospholipid
 Scramblases”
 03.30-03.45PM **TEA BREAK**
 03.45-04.15PM **Dr. B. R. Jagadeesh Babu**, MD & CEO, Biophore India
 Pharmaceuticals Pvt. Ltd. “Transforming Science Research and
 opportunities in India”
 04.15-04.45PM **Dr.P.Srinivasa Rao**, IIT Kharagpur
 “Application of High Hydrostatic Pressure for Extraction of Bioactive
 Compounds”

Invited Talks

Chairman: Prof. M.V. Basaveswara Rao, Hon. Secretary, APAS

- 04.45-05.00PM **Dr. Chadaram Shivaji**, Director, Department of Science and
 Technology, New Delhi 110016
 ” Science and Technology Ecosystems in India: A journey through
 time and space”
 05.00-05.15PM **Dr.V. Balaram**
 CSIR - National Geophysical Research Institute, Hyderabad
 “Spectroscopy, Society and the Environment “
 04.00PM onwards **APAS General Body Meeting Followed by APAS Induction
 Ceremony**
 07.00 – 08.00PM Cultural Programs

DINNER

29th November, 2019 (Morning / Parallel Session)

Venue :Main Dias

Chairman:Prof. K. Ramji, VC, Dr. BR Ambedkar University, Srikakulam

- 09.30-10.00 Keynote Lecture by **Prof. G. Ranga Rao** on “Polyoxometalate based ionic Liquids and hybrid materials”
- 10.00-10.30 AM Distinguished Lecture by **Prof. Rayala Suresh Kumar**, Dept. of Bio- technology, IIT Madras “P21 activated Kinase 1 (Pak 1) and Pancreatic Cancer – approaching the destination”

29th November, 2019-Special Theme Sessions (Parallel Session-I)

Nano Sciences

Venue: SF 128

Invited Talks:

Chairman:Prof. K. Ramji, VC, Dr. BR Ambedkar University, Srikakulam

- 10.30-11.00 AM **Prof. M.V. Basaveswara Rao**, Dept. of Chemistry, Krishna University, Machilipatnam “Multifunctional Lipid dye for Biomedical Applications”
- 11.00-11.30 AM **Prof. V. Venkata Ramu**, Dept. of Physics, Krishna University “Rare Earth Gallium Nano-Garnets for light emitting devices”
- 11.30-11.45 AM **TEA BREAK**
- 11.45-01.15 PM **Oral Presentations of Nano Sciences from 01 -10**
- 01.15-02.00 PM **LUNCH BREAK**
- 02.00 -05.00PM **Oral Presentations of Nano Sciences from 10 -21**

Poster Presentations of Nano Sciences 1-23

29th November (Special Theme Sessions -II) (LS - AG) Session

Venue: FF 125

Invited Talks:

Chairman:Prof. P. Sujatha, Principal, College of Science, Dr. BRAU

- 10.30-11.00 AM **Dr. Anumakonda Jagadeesh**
Energy Scientist, Nayudamma Centre for Development Alternatives, Nellore “Opuntia the Wonder Cam Plant Has Many Uses”
- 11.00-11.30AM **Dr. B.Gangaiah**, Head, Division of Natural Resource Management, ICAR- CIARI, Port Blair
“Natural Resource Management in Andaman & Nicobar Islands Farming Systems for Sustainability”
- 11.30 – 11.45 AM **TEA BREAK**

Lecture by Newly elected Fellows of APAS

11.45-11.55PM	Dr. P.VenkataSatyanarayana , Principal Scientist, Regional Agricultural Research Station, Lam,Guntur-522034
11.55-12.05PM	Dr. V. Raja Rajeswari , Associate Dean (Retd.), Acharya N.G. Ranga Agricultural University, Lam, Guntur. "Physiological interventions to enhance tolerance to YMV on Blackgram"
12.05-01.30PM	Oral Presentations of LS-AG(O1 - O2)
01.30-02.30PM	LUNCH BREAK
Poster Presentations of LS-AG Sciences 1-19	

29th November, 2019-Theme Sessions (Morning Session)

PMIEASEAS (Physics & Earth Sciences)

Venue: SF 129

Invited Talks:

Chairman: Prof. S.Vijaya Bhaskara Rao, Dept. of Physics, SVU

10.30-11.00 AM	Prof.K.Krishna Reddy ,Department of Physics, Yogi Vemana University, Kadapa "Issues and challenges on Global Climate Change – A study on Andhra Pradesh"
11.00-11.30AM	Prof. C. Santhamma , Dept. of Physics, AU, Visakhapatnam " Vedic Mathematics as explained by JagadguruShankaracharya Shri Bharati Krishna TirthaSwamiji of Puri Mutt "
11.30-11.45 AM	TEA BREAK
11.45-12.15PM	Dr. Lakshminarayana Sadasivuni , Principal Scientist, NIO, Visakhapatnam "Indian Science – Technology Pushed Vs. Industry Pulled"
12.15-12.45PM	Prof. K.V.R. Murthy , Display Materials Laboratory, M.S. University of Baroda "Light Emission Past Present and Future"

Lectures by newly Elected Fellow of APAS

12.45-12.55 AM	Prof. S.S.V. Siva Ramakrishna , Dept. of Meteorology & Oceanography, Andhra University Visakhapatnam "Tropical Cyclones in a changing climate"
12.55-01.15 PM	Oral Presentations of PMIEASEASfrom 01 –04
01.15-02.00 PM	LUNCH BREAK

Poster Presentations of PMIESEA from 01-09; 82-95

29th November, 2019 (Post Lunch Session) PMIEASEAS (Physics & Earth Sciences)

Invited talks:

Chairman: Prof. S.Vijaya Bhaskara Rao, Dept. of Physics, SVU

02.00-02.30PM	Praveen Kumar , Materials Science, Indian Association for the Cultivation of Science, Kolkata “Efficient and Stable Photoelectrodes for Photoelectrochemical Water Splitting”
02.30-03.00 PM	Dr.T.S.Ramakrishna , Founder & President, Earth-system Sciences Awareness and Research Association “Some Course Corrections to India’s Scientific Development”
03.00-03.45PM	Oral Presentations of PMIEASEAS from 05-07; 44-48
03.45-04.00PM	TEA BREAK
04.00-06.00PM	Oral Presentations of PMIEASEAS from 08-16; 48-55 Poster Presentations of PMIEASEAS from 10-18; 96-109

29th November, 2019 (Morning Session) PMIESEAS (Maths, IT & Engineering)

Venue: TF 129

Invited Talks:

Chairman: Prof. K. Venkata Subbaiah, Dept. of Mechanical Engineering, AU

10.30-11.00AM	Sudhanshu Aggarwal , Indian National Science Academy, New Delhi “Reliability Optimization in Complex Systems”
11.00-11.30AM	Prof. U.M. Swamy , Founder Professor, AU PG Centre, “Algebraic Characterization of Sheaves Over Boolean Spaces “
11.30-11.45AM	TEA BREAK
Lecture by Newly elected Fellows of APAS	
11.45-11.55AM	Prof. S. Jyothi , Dept. of Computer Science, SPMVV, Tirupati “Genome and artificial intelligence”
11.55 – 12.05PM	Prof. K. Venkateswarlu , Sr. Principal Scientist, CSIR – NAL, Bangalore “Perception of aerospace manufacturing in 21 st century”

Lectures by Young Scientist Awardees of APAS

12.05-12.15 PM	Dr. Kottapalli Rajyalakshmi , Assistant Professor, Dept. Of Mathematics, KLEF, Vaddeswaram “Improved algorithms in the Modified Taguchi Approach and second order rotatable designs to seek optimal solutions”
12.15-12.25 PM	Dr. Pendurty A. Sunnu Dayal , Associate Professor, Dept. of ECE, Centurion University of Technology and Management, Visakhapatnam “Optimization of Radiation Beam Shapes for Radar and Communication Applications from Electronic Antennas”

12.25-01.00PM

Oral Presentations of PMIESEAS from 17-19

01.00-02.00 PM

LUNCH

Poster Presentations of PMIESEAS from 19-35; 53-67

29th November, 2019 (Post Lunch Session) PMIESEAS (Maths, IT & Engineering)

Invited Talks

Chairman: Rtd. Prof. K.L.N Swamy, Dept. of Mathematics, AU

02.00-02.30 PM **Prof. P.V. Arunachalam**, Former Vice Chancellor, Dravidian University, Kuppam

02.30 – 03.45PM **Oral Presentations of PMIESEA from 20-23; 35-39**

03.45-04.00 PM **TEABREAK**

04.00-06.00 PM **Oral Presentations of PMIESEAS from 24-29; 40-43**
Poster Presentations of PMIESEAS from 36-52; 68-81

29th November, 2019 (Morning Session) CMPS

Venue: TF 130

Invited Talks:

Chairman: Prof. G.Nageswara Rao, Former VC, AU

10.30-10.50 AM **Ramesh L. Gardas** Department of Chemistry, Indian Institute of Technology Madras, Chennai 600 036
“Challenges and Opportunities in using novel Green Solvents for Chemical and technological Applications”

10.50-11.10 AM **Rambabu Dandela**, Department of Industrial and Engineering Chemistry, Bhubaneswar-751013 “Design and Synthesis of New Solid Forms for Various Applications “

11.10-11.25 AM **TEA BREAK**

Lecture by Newly elected Fellows of APAS

11.25-11.35 AM **Prof. V. Padmavathi**, Dept. of Chemistry, S.V. University, Tirupati
“Azolyl Benzothiazine Carboxamides-Potential antimicrobial agents”

11.35-11.45 AM **Prof. K.B. Chandra Sekhar**, Dept. of Chemistry, Director, Foreign affairs & Alumni matters, JNTUA “Simultaneous first derivative spectrophotometric determination of Nickel (II) and copper (II) in alloys with diacetylmonoximebenzoylhydrozone”

Lectures by Young Scientist Awardees of APAS

11.45-11.55 AM **Dr. T. Vasantha**, Post Doctorial Fellow, Dept. of Chemistry, Sri Venkateswara University, Tirupati

11.55-12.05PM **Dr. Satya Vijaya Kumar Nune**, Scientist, Centre for Excellence,
Dept for Science and Humanities, VFSTR, Vadlamudi

12.05-01.00PM **Oral Presentations of CMPS from 01 to 14**

01.00-02.00 PM **LUNCH BREAK**

Poster Presentations of CMPS from 1-24

29th November, 2019 (Post Lunch Session)

CMPS

Invited Talks:

Chairman: Dr.Kutikuppala Surya Rao, Hon. Prof., Dept. of Human Genetics, AU

02.00-02.20 PM **Dr. R.Prasada Rao**, CMET, Pune,
"Computational approach to identify sodium ion conducting electrolytes and electrodes safe rechargeable batteries"

02.20-02.40 PM **Prof.K. Prabhakararao**, Dept. of Chemistry, Vignan University, Vadlamudi.
" Design, Synthesis and Applications of Novel Stable Superhydrophobic Porous Coordination Polymer (SPCPs) (Artificial Lotus Leaves) for Gas Separation and Oil Spills Cleanup Applications"

02.40-03.00 PM **Dr.A S Aswar**, Dept. of Chemistry, Sant Gadge Baba Amravati University, Amravati "Synthesis of transition metal nanocrystalline ferrite: An efficient and environmentally benign catalyst for the one-pot multicomponent reactions"

Lecture by Newly elected Fellows of APAS

03.00-03.10PM **Dr. G.P.V. Subbaiah**, Head, Dept. of Orthopedics and Spine Surgery, Hyderabad

03.10-03.20 PM **Ravikumar P. Vemuru**, Villa 200, IJM Raintree Park, Kaza, Guntur
"Perspectives on western medicine role of companies"

03.20-03.30 PM **Dr.Ch. Nageswara Rao**, Dept. of Medical Sciences

03.30 – 03.45PM **TEA BREAK**

Lecture by Young Scientist Awardees of APAS

03.45-03.55 PM **Dr. K. Pallavi**, Assistant Professor, Vignan Pharmacy College, Vadlamudi
"Development and optimization of sustained release mucoadhesive composite beads for colon targeting"

03.55-04.05 PM **Dr. K. Sowmya**, Assistant Professor, Dept. of Pharmacology, PSIMS RF, Vijayawada

04.05-06.00 PM **Oral Presentations of CMPS from 15-37**

Poster Presentations of CMPS from 25-48

29th November, 2019 (Morning Session)

Life Sciences

Venue: FF 124

Invited Talks:

Chairman: Prof. PB Kavi Kishore, CSIR - Emeritus Scientist, Dept. of Genetics, OU

10.30-11.00 AM **Prof.Rama Rao Malla**, Cancer Biology Lab, Dept. of Biochemistry and Bioinformatics, GITAM (Deemed to be University), Visakhapatnam "Tumor Microenvironment: Challenges and Opportunities for Triple Negative Breast Cancer Drug Development"

11.10-11.25 AM **TEA BREAK**

Lecture by Newly elected Fellows of APAS

Chairman:

- 11.25-11.35 AM **Prof. G. Sudhakar**, Dept. of Human Genetics, Andhra University, Visakhapatnam
"Genetic Susceptability of Chronic Kidney disease in north Coastal Andhra Pradesh"
- 11.35-11.45 AM **Prof. ChippadaAppa Rao**, Department of Biochemistry, Sri Venkateswara University, Tirupati
"Herbal drugs in treatment of Diabetes mellitus"
- 11.45-11.55 AM **Dr. Sakuru Venkata Sai Prasad**, Principal Scientist & Heads, ICAR-IARI -Regional Station, Indore
" Approaches for improving heat tolerance as NUE in wheat to combat climate"

Lectures by Young Scientist Awardees of APAS

- 11.55-12.05 PM **Mr. V. Dinesh Rahul**, Research Scholar, RRU Crop Physiology, RARS, Lam, ANGRAU, Guntur
"Drought stress in plants: Biochemical basis of stress tolerance"

12.05-01.00 PM **Oral Presentations of LAS from 01 -07**

01.00-02.00 PM **LUNCH BREAK**

Poster Presentations of LS 1-30

29th November (Post Lunch Session)

Life Sciences

Invited Talks:

Chairman: Prof. P. Sujatha, Principal, College of Science Dr. BRAU, Srikakulam

- 02.00-02.30 PM **Dr. Krishna Mohan Poluri**, Department of Biotechnology, IIT, Roorkee
"Elucidating the Molecular Interactions of Chemokine-Glycosaminoglycan Interactions for Regulating Leukocyte Migration"
- 2.30-03.00PM **Prof.M. Venkateswara Rao**, Dept of Zoology, University & Research Director, NSR Lab, Ahmedabad, Gujarat
"Y Chromosome Microdeletion and Its Association with Male Infertility"

Lecture by Newly elected Fellows of APAS

- 03.00-03.10 PM **Dr. Ch. Srinivasa Rao**, Director, ICAR-National Academy of Agricultural Research Management (NAARM), Rajendranagar
"Climate Change and Indian Agriculture"
- 03.10-03.20 PM **Prof. Kondru Venkateswara Rao**, Principal Scientist, Central Research Institute for dry land Agriculture, Hyderabad - 500 059

Lecture by Young Scientist Awardee of APAS

- 03.20-03.30 PM **T.C.Venkateswarulu**, Dept. of Biotechnology, VFSTR, Vadlamudi,
"Optimization of Nutritional Variables for Production of Biosurfactant using Acinetobacter indicus KTCV2 strain"

03.30-03.45 PM **TEA BREAK**
03.45- 06.00PM **Oral Presentations of LS from 08-20**
Poster Presentations of LS 31-58

30th November, 2019 (Morning Session) **PMIESEAS (Physics & Earth Sciences)**

Venue: SF 129

Invited Talks:

Chairman: Prof. K. Krishna Reddy, Registrar, Krishna University, Machilipatnam

10.00-10.20 AM **Dr. V.M. Chowdary (Muthayya)**, Scientist/Engineer 'SG', NRSC, ISRO,
New Delhi "Water Resources Planning and Management using Earth
Observation Satellite data and GIS"

10.20-10.40 AM **Dr. M. Ramanjaneyulu**, Division of Physics, VFSTR, Vadlamudi, Guntur
"Growth and Characterization of doped and undoped ZnO thin films and
nanostructures for optoelectronic"

10.40-11.00AM **Dr.K Durga Mallikarjuna Rao**, IACS, Kolakata
"Transparent and flexible optoelectronic devices with seamless nanowire network"

11.00-11.20AM **Dr. Ch. Venkateswara Rao**, Deputy Director, GSI
"GSI's Role in National Building"

11.20-11.30AM **TEA BREAK**

11.30-11.50AM **Dr. N. Sadhana Rayalu**, Head, Energy Materials, NEERI, Nagpur.

Lecture by Young Scientist Awardees of APAS

11.50-12.00AM **Dr. Alladi Hemanth Kumar**, NARL, Gadanki
"Impact of Deep convection associated with Indian summer monsoon on the
characteristics of Tropical Tropopause Layer"

12.00-12.10 AM **Dr.V. Yesu Babu**, Scientist-E, NARL, Gadanki
"Inter-annual Variability of Monsoon Low Level Jet and its associated impact
on Rainfall over India"

12.10-01.10 PM **Oral Presentations of PMIEASEAS from 56-61**

01.10-02.00 PM **LUNCH BREAK**

30th November, 2019 (Morning Session) **PMIESEAS (Maths, IT & Engineering)**

Venue: TF 129

Invited Talks:

Chairman: U.M. Swamy, Founder Professor, AU PG Centre

10.30-11.00AM **Prof. T.J. Rao**, Adjunct Professor,
CR Rao Advanced Institute for Mathematics, Statistics and Computer
Science

11.00-11.30AM	Prof. E.Venkata Rao , Advisor, Govt. of Andhra Pradesh, Ongole, Prakasam Dt.
11.30-11.45AM	TEA BREAK
11.45- 12.30PM	Oral Presentations of PMIESEAS from 30-34
01.10-02.00 PM	LUNCH BREAK

30th November, 2019 CMPS Section

Venue: TF 130

Invited Talks:

Chairman: Prof. A.V. Prasada Rao, VC, Rayalaseema University, Kurnool

09.00-09.20 AM	Dr. A. Ramakishan , Deputy Drugs Controller (India), CDSCO, East Zone, Kolkata "Indian Drugs regulatory system"
09.20 – 09.40AM	Dr. Pasupuleti Sreenivasa Rao , Research advisory professor Department of Biochemistry, Narayana College of Pharmacy, Nellore " Smart strategies to explore new drugs for cancer"
09.40-10.00 AM	Pravat K. Swain , Department of Chemistry, Satyasai Engineering College, Balasore" Utilisation of Waste Plastic into Valuable Fuels: A Novel Study"
10.00-10.20AM	Prof.A.Prameela Rani ,Pharmaceutical Sciences, ANU " Novel Drug Delivery Systems"
10.20-10.40AM	Dr. S. Venkata Mohan ,IICT, Hyderabad
10.40– 11.00 AM	Dr. B.L.Narasayya(Rtd.)Dy. Director General – GSI "Periodic Table a Look"
11.00-11.15 AM	TEA BREAK
11.15-11.35AM	Dr. AG Damu , Dept. of Chemistry, Yogi Vemana University, Kadapa "From Echioidin to MTDLs: A 25 years research journey in Natural Products"
11.35-11.55AM	Dr. K. Suresh Babu , Senior Scientist, CSIR – IICT, Hyderabad "Phytochemical and pharmacological studies on Indian lichens"
11.55-12.15PM	Dr. K. VenkataMadhuri , Asst. Director, Vignan University "Effect of Annealing on the characteristics of Molybdenum Trioxide Thin Films"

Lecture by Newly elected Fellows of APAS

12.15-12.25PM	Dr. KovvaliGopala Krishna , Carcinogenesis foundation (USA)
12.25-12.35PM	Prof. U.Radha Krishna , Director of Epigenomics Oakland University Royal Oak, MI
12.35-12.45PM	Dr. LingamalluGiribabu , Senior Scientist, IIPC Division, CSIR-IICT, Hyderabad On" Excitonic Solar Cells: Probable Solution to Current Energy Demands"
12.45- 01.30PM	Oral Presentations of CMPS from 38-43
01.30-02.30 PM	LUNCH BREAK

30th November, 2019 Life Sciences

Venue: FF 124

Invited Talks:

Chairman: Prof. G. Sudhakar, Dept. of Human Genetics, AU

10.00-10.30AM **Dr. Poosapati Jagannatha Raju**, Director, AP State Sericulture
Research and Development Institute, Hindupur, Ananthapur
"BmNPV Resistant Transgenic Silkworm – An Epoch making technology"

Lecture by Newly elected Fellows of APAS

10.30-11.00 AM **Prof. S. Koteswara Rao**, Vice Chancellor, Rajmatavijayarajasindhiya
krishiviswavidyalay, Gwalior

11.00-11.15 PM **TEA BREAK**

11.15-01.15 PM **Oral Presentations of LS from 21-30**

01.15-02.00 PM **LUNCH BREAK**

30th November, 2019 (Evening Session)

Venue: Eastern Block Seminar Hall

04.00 PM **VALEDICTORY FUNCTION**

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