# SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE SULLURPET, TIRUPATI DISTRICT, ANDHRA PRADESH

## **6.3 Faculty Empowerment Strategies**

6.3.3 Percentage of teaching and non- teaching staff participating in faculty development programmes (FDP), professional development/administrative training programs during the last five years

- PROGRAMS ORGANISED
- ANNUAL REPORT

# Sri VSSC Govt Degree College

Sullurpet - 524 121



# **UGC SPONSORED NATIONAL SEMINAR** on



Special Economic Zones - A Boon or Bane to Indian **Economy** 29th & 30th November, 2017

आ नो भद्राः क्रतवो यन्तु विश्वतः अग्रुग्वेद 1-89-1

ఆనో భద్రాః క్రతవో యన్తు విశ్వతః బుగ్వేదం 1-89-1

అన్ని దిశల నుండి మంగళకరమైన ఆలోచనలు మనకు వచ్చి చేరుగాక

Let noble thoughts come to us from every side. - Rig Veda 1-89-1

ఏకం సత్ విప్రా బహుదా వదన్ని

సత్యము ఒకటే అయినను విప్రులు దానిని బహు విధాలుగా చెబుకారు.

# PROCEEDINGS OF THE SEMINAR

Organised by

**Department of Commerce & Economics** Sri VSSC Govt Degree College Sullurpet - 524 121 SPSR Nellore Dist. AP. India



## SRI VENKATESWARA UNIVERSITY:TIRUPATI

Dr. M. Chinnaswamy Naidu M.A. M Phil. Ph.D. **PROFESSOR** DEPARTMENT OF ECONOMICS S. V. U. COLLEGE OF ARTS



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Date: 29-11-2017



### Message

I am indeed very happy that the UGC SPONSORED NATIONAL SEMINAR on SPECIAL ECONOMIC ZONES- ABOON OR BANE TO INDIAN ECONOMYis being held in Sri VSSC GOVT. Degree College, Sullurpet organised by Department of Commerce and Economics, SPSR Nellore District on 29th & 30th November 2017. The conference have become a forum for discussion of key issues in both theory and practice. The papers presented make a contribution to the fund of economic knowledge. I wish the conference all success.

Prof. M.CHINNASWAMY NAIDU



Inauguration of jyothi





Inauguration of the Seminar





A view of Participants

#### IQAC Workshop on SSR preparation for Online Assessment by NAAC On 06/01/2020.



## DISTRICT LEVEL SEMINAR ON SOLID WASTE MANAGEMENT (17.02.2020)

A district-level seminar on solid waste management was held on February 17, 2020, at Sri VSSC Government Degree College with Dr. Sainath, a professor of biotechnology at VS University Nellore, as the keynote speaker. Through seminars and lectures, staff members and students at the institute are educated on good waste management techniques. 91 students, 22 faculty members, and the college's principal, Smt. P. Umamaheswari, took part in this programme.





# డ్కిగ్లీ కాలేజీలో సెమినార్

సూళూరుపేట: ణంలోని వీఎస్ఎస్స్ ప్రభుత్వ డిగ్రీ కళాశా బోటనీ, జువాలజీ డిపార్ట్మ్మ్ం ట్ ఆధ్వర్యంలో 'ఘన వ్యర్థాలు హణ' అనే అంశంపై సోమవారం



సెమినార్ నిర్వహిస్తున్న దృశ్యం

నిర్వహించారు. ఈ సందర్భంగా వీఎస్యూ బయో టెక్నాలజీ ప్రాఫెసర్ డాక్టర్ సాయినాథ్ మాట్లాడుతూ ప్రస్తుతం మనిషి జీవితం ప్లాస్టి క్ తో ముడిపోయిందన్నారు. ఘన వ్యర్ధాలను పూర్తిస్థాయిలో తగ్గించుకుంటేనే రాబోయే తరాలకు మంచి భవిష్యత్**ను ఇవ్వ**గలమని చెప్పారు. ప్లాస్టిక్ వాడకుండా చూడాల్సిన

బాధ్యత విద్యార్థులపై ఉందన్నారు. ఇంకా డీఆర్స్ కో-ఆర్డినేటర్ వై.మంజునాథ్రెడ్డి, సెక్ర టరీ డాక్టర్ కె.శివ్రపసాద్ మాట్లాడారు. కార్యక్ర మంలో కళాశాల ట్రిన్సిపల్ పి.ఉమామహే శ్వరి, అధ్యాపకులు ఎస్కే నూరుల్లా, రాజశే ఖర్, సతీష్, గణేష్, లక్ష్మి, కిరణ్ తదితరులు పాల్గొన్నారు.



## ລົ່ນລົ ລົ<sub>ງ</sub>ບາຼອລົນ <del>න</del>ැල්ල්000 ສຽນ<sub>ສ</sub>ຸຍິ0 ລາຍ

సూత్తూరుపేట, న్యూస్ట్ చే: ఘన వ్యర్థాలు ఎలా తయారవుతున్నాయి.. దీనికి కారకులెవరు, వీటి నిర్మూల నకు ఎవరు స్పందించాలని విక్రమ సింహపురి విశ్వవిద్యా లయం బయోటెక్నాలజీ ప్రొఫెసర్ డాక్టర్ ఎస్.బి.సాయి

బాబా ద్రశ్నీం చారు. సూళ్లూ రుపేటలోని మీఎస్ఎస్సీ ద్రభుత్వ డిగ్రీ కళాశాలలో సోమవారం బోటనీ, జువా లజీ శాఖల ఆధ్యర్యాన



విద్యార్థులకు బహుమతి ప్రదానం చేస్తున్న ట్రిన్సిపల్ ఉమామహేశ్వలి

ఘన వ్యర్థాలు.. నిర్వహణ' అనే అంశంపై సెమినార్ జరి గింది. ఈ కార్యక్రమానికి ముఖ్యఅతిథిగా విచ్చేసిన ఆయన మాట్లాడుతూ ఘన వ్యర్థాలు ఇబ్బడిముబ్బడిగా పెరుగుతు న్నాయని, వాటిని ఎలా నిర్మూలించి, తిరిగి ఉపయోగించా లనే విషయాలను వివరించారు. ట్రిన్సిపల్ ఉమామహే శ్వరి మాట్లాడుతూ ప్లాస్టిక్ వాడకంతో రాబోయే కాలంలో నీరు కలుషితమై అనేక వ్యాధులు డ్రబలే అవకాశం ఉందని చెప్పారు. ఇంట్లో వెలువడే ఘన వ్యర్థాలను తగ్గించాలని సూచించారు. డీఆర్సీ సెక్రకురీ డాక్టర్ శీవరామడ్లు సాద్ మాట్లాడుతూ ఆసుపత్రిలో వెలువడే ఘన వ్యర్థాలను సరైన పద్ధతుల్లో నిర్మూలించాలని పేర్కొన్నారు. కార్యక్ర మంలో పలువురు అధ్యాపకులు మాట్లాడారు.

Date: 18/02/2020 EditionName: ANDHRA PRADESH

(NELLORE, SULLURUPETA ) PageNo: 01

PRINCIPAL.

### S.V.S.S.C GOVERNMENT DEGREE COLLEGE

Sullurpet, SPSR. Nellore District, Andhra Pradesh -524 121 <u>sullurpet.jkc@gmail.com</u>, <u>www.gdcsullurpet.edu.in</u>

# Internal Quality Assurance Cell

## Report

Name of the Programme : FDP- Professional Ethics,

Venue : Digital Class Room

Date & Time : 25<sup>th</sup> October 2021, 11:00 am to 4.00 pm

Participants : Faculty: 16, students 65

**Dr. KVSDP Vara Prasad**, the principal in charge and an IQAC member, welcomed the teachers and resource people, emphasising the importance of the professional ethics workshop. He then declared the programme open.

According to the resource person, **Dr. A. Babu**, Head of the Department of Hindi, the workshops main goal was to help students develop critical thinking skills that will help them recognise potential ethical dilemmas.

**Dr. Babu** explained in his second session that he wanted to draw everyone's attention to the problems and challenges that are right in front of us at the levels of individual, family, society, and nature. The primary goal of this workshop is to increase ethical knowledge and ethical thinking.

**Smt. Anuradha**, Lecturer in Computer Science, proposed a vote of thanks and thanked the resource person, principal, sub-committees, and all attendees for helping to make the event a huge success.









## Report

Name of the Programme : Workshop on NAAC SSR preparation

Venue : Digital Class Room

Date & Time : 9<sup>th</sup> November 2021,10:00 am to 5.00 pm

Participants : Faculty: 23

Resource Persons 1. Dr.Ch. Rama devi, Associate Professor of Zoology,

DKW Government Degree College, Nellore

2. Dr.P. Sujana, Associate Professor of Chemistry,

Government Degree College, Nayudupet, Nellore

Dr. S.L.B. Sankara Sarma, the college's principal, welcomed the teachers and resource people, emphasising the need to focus all of our efforts on SSR preparation. He then declared the workshop open.

**Dr. Ch. Rama Devi**, the resource person, started the first session by explaining the guidelines of the National Assessment and Accreditation Council. The NAAC Accreditation Process and its advantages for higher education institutions have gotten a lot of press. To improve understanding of the IQAC process and procedures by reviewing the updated NAAC accreditation's qualitative and quantitative measures (Q<sub>1</sub>M and Q<sub>n</sub>M) and applying best practises to improve the quality of the institutions.

**Dr. P. Sujana**, Associate Professor of Chemistry, highlighted in the second session that the IIQA should not be submitted until the SSR has been finished. Year-by-year information must be provided. An attendance list, some photographs and videos, and an event report are required for all events. It's probable that a large number of activities will go uncounted. Profiles of students from the preceding five years will be compiled. A student satisfaction survey is launched as soon as SSR begins. During the assessment period, at least one administrative and one green audit must be completed.

The principal congratulated the IQAC coordinator for organising the one-day NAAC Awareness event in the third session. He also thanked the resource people for sharing their knowledge. The IQAC coordinator, Dr.V. Raja, proposed a vote of thanks and expressed gratitude to the resource persons, principal, vice-principal, sub-committees, and all the attendees for making the event a great success.











### S.V.S.S.C GOVERNMENT DEGREE COLLEGE

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# **Internal Quality Assurance Cell**

## Report

Name of the Programme : FDP-ADVANCED LEADERSHIP SKILLS

Venue : Digital Class Room

Date & Time : 25<sup>th</sup> November 2021, 2:00 PM to 5.00 PM

Participants : Faculty: 23, Students: 65

The function was presided over by **Dr. Prasad,** Head of the Department of Statistics at the college. The college's principal, **Dr. S.L.B. Sankara Sarma**, welcomed the teachers and students. The programme was then declared open.

**Dr.V. Raja**, the IQAC coordinator, emphasised the FDP's objectives, with a focus on strengthening teachers' communication skills for an effective instructional delivery system.

**Dr. S.L.B. Sankara Sarma,** the resource person, aimed to improve the faculty's teaching, training, communication, and leadership skills. This programme enabled participants to gain an understanding of and prepare for the changing roles and responsibilities of teachers. He also emphasised academic leadership, which includes essential skills such as strategic thinking, planning and delivery, people management, change management, and communication. IQAC member and Professor of Physics **Dr.J.Subrahmanyam** proposed a vote of thanks and expressed gratitude to the principal, vice-principal, sub-committees, and all the attendees for making the event a great success.





### Faculty Development Programme on Role of Computer and Information Technology in Academic and Administrative Services

Date and Venue : 16<sup>th</sup> December 2021, Digital Class Room

Organized by : Internal Quality Assurance Cell (IQAC)

Participants : 22 teaching staff and 8 administrative staff

Resource Persons : 1.Ch.Madhu Babu

2.Dr. Deva Prasad

#### Methodology

The increased use of information and communication technologies (ICTs) in higher education has revolutionised teaching and learning at all levels, resulting in enhanced quality. Traditional teaching and learning methods are rapidly being replaced by online and virtual settings. The possibilities are endless when ICT is integrated into the educational system. ICT in education not only improves classroom teaching and learning, but it also enables the use of e-learning. Successful ICT adoption to lead change is more about inspiring and empowering teachers, as well as supporting them in their interactions with students in learning, than it is about acquiring computer skills and purchasing software and equipment. Education democratisation will come as a result of ICT-enabled learning.

Principal **Dr. S.L.B. Sankara Sarma** presented the workshop concept in his inauguration address. **Sri Ch. Madhu Babu**, Head of the Department of Computer Science, emphasised the importance of online education. In the current environment, **Dr. Deva Prasad**, Assistant Professor of Computer Science, explores the pros and downsides of incorporating ICTs into different fields of higher education. Smt Anuradha, an Assistant Professor of Computer Science, stressed that introducing ICTs into higher education has far-reaching consequences for the entire educational process, especially when it comes to critical aspects like access, fairness, management, efficiency, pedagogy, and quality. The IQAC coordinator, **Dr.V. Raja**, proposed a vote of thanks, praising the resource persons, principal, subcommittees, and all participants for helping to make the event a huge success.





### S.V.S.S.C GOVERNMENT DEGREE COLLEGE

Sullurpet, SPSR. Nellore District, Andhra Pradesh -524 121 sullurpet.jkc@gmail.com, www.gdcsullurpet.edu.in

# **Internal Quality Assurance Cell**

## Report

Name of the Programme : Intellectual Property Rights and

Research Methodologies for Teachers,

Venue : Digital Class Room

Date & Time : 28<sup>th</sup> December 2021, 10:00 am to 5.00 pm

Participants : Faculty 21

**Dr. S.L.B. Sankara Sarma**, the college's principal, welcomed the teachers and resource people, emphasising the importance of continuing efforts on research methodologies for teachers and the importance of Intellectual Property Rights. He then declared the programme open.

During the first session, **Dr. K.V.S.D.P Vara Prasad**, Head, Department of Statistics, intellectual property rights (IPR), should encourage inventors to create better inventions and innovations. He stated that the country will be known for its scientific creations ranging from agriculture to space research in the coming years, emphasising the importance of properly documenting and patenting ideas. Dr. Prasad also stated that intellectual property protection will encourage young scientists to develop more innovations and inventions. The primary goals are to raise awareness about the importance of intellectual property rights among scientists, researchers, students, faculty, industrialists, and entrepreneurs.

The second session of the FDP began with a detailed, comprehensive presentation by **Dr.J.Subrahmanyam**, Professor of Physics, on identifying genuine journals and avoiding falling prey to fake or cloned journals. This session provided insights into various parameters such as understanding a journal's key words, the editorial board of a specific journal, the origin of the journal, and so on. The session was educational and raised awareness through participant participation.

The FDP came to an end with the Valedictory Session, and **Dr.V. Raja**, the IQAC coordinator, proposed the Vote of Thanks.









#### WORKSHOP ON RENEWABLE ENERGY

The Department of Physics at SVSSC Government Degree College in Sullurpet hosted a one-day workshop on renewable energy sources on December 31<sup>st</sup>, 2021, which was attended by 75 students and 9 staff members.

#### **Details on the Workshop**

The energy industry has a significant impact on a country's prosperity and development, as is well known. The need for the most efficient use of energy resources for long-term growth is being pushed by a worldwide energy crisis. Numerous innovations were motivated by the energy crisis across the board. Every country's economic success is dependent on the availability of energy resources and the ability to make intelligent products.

#### **Objectives of Workshop**

- To educate teachers and students on energy awareness in order to promote sustainable development
- To increase public knowledge of the significance of energy conservation, planning ahead of time, and making educated energy decisions
- To be familiar with current renewable energy developments and technology
- To gain a better understanding of the future of renewable energy technology and to showcase cutting-edge renewable energy technologies
- To schedule a tour of the renewable energy business.

The college's principal, **Dr. S.L.B. Sankara Sarma**, welcomed the teachers and resource people, highlighting the need to focus on renewable energy sources. The workshop was then declared open by him.

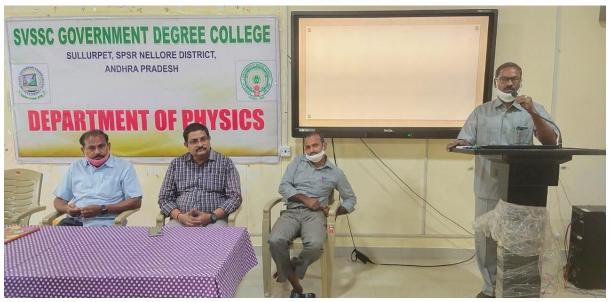
The resource person, **Dr. P. Venkatesu**, Professor of Physics, YSR Government Degree College, Vedurukuppam, began the first session by outlining the current demand for non-conventional energy sources such as solar, wind, tidal power, geothermal power, hydropower, and biomass, as well as the critical difficulties. He also used solar and wind energy systems as case studies.

In the second session, Sri SK.Nayamthulla, Associate Professor of Physics, Government Degree College, Vidavalur, SPSR Nellore District, discussed various technology areas that

contribute to the development of renewable energy sources, as well as the measurement and standards capabilities that would be required to implement these technologies and monitor human impact on our environment and global climate change.

The principal praised the Physics Department for organising the programme. He also expressed gratitude to the resource people for sharing their expertise. **Dr.V. Raja**, Professor and Head, Department of Physics gave a brief update on the department's development, and **Dr.J.Subrahmanyam**, Professor of Physics, proposed a vote of thanks, expressing gratitude to the resource persons and all guests for helping to make the event a huge success.











# SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE SULLURPET, SPSR NELLORE DISTRICT, ANDHRA PRADESH

#### REPORT ON WORKSHOP

The Institutional Quality Assurance Cell (IQAC) of Sri V.S. Sivalingam Chettiar Government Degree College organised a workshop on research methodologies-hands-on learning on January 3, 2022. At the workshop's opening ceremony, Dr. S. L. B. Sankara Sarma, the college's principal, welcomed the participants and the special guest. Dr.M. Ramakrishna Reddy, Principal of NBKR Science and Arts College, opened the session by outlining the value of research methodologies. He explained in his talk that there are eight main sections in a research paper: the title (cover page), the introduction, the literature review, the research methodology, the data analysis, the results, and the conclusion.

He provided a thorough explanation of how to conduct a research project during the second session. There were 18 members of the academic staff present. Physics professor Dr. J. Subrahmanyam thanked all of the attendees for participating actively. The workshop is being held as a demonstration of the two colleges' commitment to carrying out the programmes outlined in the Memorandum of Understanding, NBKR Science and Arts College and Sri V.S. Sivalingam Chettiar Government Degree College.



# SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE SULLURPET, SPSR NELLOREDISTRICT, ANDHRA PRADESH

23-01-2022

### **CIRCULAR**

On January 25, 2022, a professional development programme for Microsoft Office will be held in the virtual classroom. All non-teaching staff members must be present.

#### Copy to

- 1. IQAC
- 2. All the Departments and office
- 3. What's app group of non-teaching staff

### SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE

SULLURPET, SPSR NELLORE DISTRICT, ANDHRA PRADESH

REPORT ON PROFESSIONAL DEVELOPMENT PROGRAMME

**MS OFFICE** 

The non-teaching staff is responsible for keeping track of all electronic processes used by the

college today, including those for admissions, scholarships, exams, salaries, staff, and student

attendance, awarding certificates to students, keeping records, and collecting tuition and other

fees. On January 25, 2022, the college's IQAC organized a workshop for the non-teaching

staff to update their knowledge of MS Office. The college's principal, Dr. SLB Sankara

Sarma, stressed the value of ensuring that all staff members are up to date on the most recent

software in his inaugural address. He also gave a thorough breakdown of the keyboard

shortcuts, which come in very handy when creating documents.

Sri Ch. Madhu Babu, the head of the computer science department, led a discussion on the

value and features of Microsoft Word and Microsoft Excel during the first session. During

training, he showed the staff how to use Microsoft Word in real-time. He helped the staff by

answering their questions, and at the end of the session, the staff finished presenting the

assignment.

In the second session, he discussed the value, necessity, and application of MS PowerPoint in

the contemporary era. He instructed the staff in using different PowerPoint features and

functions while outlining various dos and don'ts when creating PPTs. A vote of thanks was

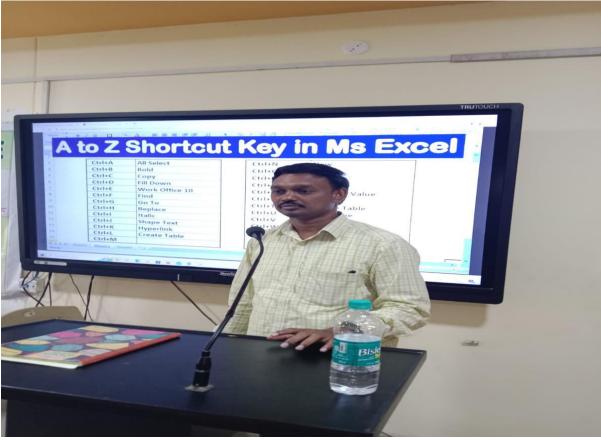
proposed by English lecturer Smt. E. Suneeta for the successful conclusion of the program.

PRINCIPAL

Sri VSSC Govt. Degree College SULLURPET - 524121,

Tirupathi Dt, (AP)









PRINCIPAL .

# SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE SULLURPET, SPSR NELLORE DISTRICT, ANDHRA PRADESH

14-2-2022

## **CIRCULAR**

A faculty development programme (FDP) on Information and Communications Technology (ICT) will be held on 15-02-2022 in the Digital Classroom. Attendance is mandatory for all the staff members.

#### Copy to

- 1. IQAC
- 2. All the Departments
- 3. What's app group of teaching staff

PRINCIPAL.

SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE

SULLURPET, SPSR NELLORE DISTRICT, ANDHRA PRADESH

REPORT ON FACULTY DEVELOPMENT PROGRAMME

Information and Communications Technology (ICT)

The faculty and distance learners can now take advantage of a wide range of technological

tools and resources that can greatly aid in communication, interaction, course design, course

delivery, and providing improved web support throughout the programme or course. In light

of the aforementioned, the college's IQAC organised a workshop titled "Creative Use of ICT

Tools: Towards Innovative Learning Solutions" for the faculty members on February 2022 at

the Digital Classroom. The workshop's main objective was to introduce faculty members to

various ICT tools and give them practical training in using them for teaching-learning and

academic support so that students can benefit.

The meeting is being presided over by Vice Principal Sri Ch. Madhu Babu, the head of the

computer science department. In his keynote address, he called for the adoption of cutting-

edge technology in the field of education. Dr. V. Raja, the head of the physics department

and coordinator of IQAC, gave a description of how to use LMS in regular teaching

activities. LMS was thoroughly explained by Smt. K. Anuradha, a lecturer in the

department of computer science and the program's resource person. In her talk, she covered

how to summarise a subject and produce a link to deliver a lecture on online and virtual

teaching. The programme comes to a close with a vote of thanks from Smt. D.Usha Rani,

head of the mathematics department.





PRINCIPAL .

# SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE SULLURPET, SPSR NELLORE DISTRICT, ANDHRA PRADESH

13-3-2022

## **CIRCULAR**

A faculty development programme (FDP) on Learning Management System (LMS) will be held on 14-03-2022 in the Digital Classroom 1. Attendance is mandatory for all the staff members.

### Copy to

- 1. IQAC
- 2. All the Departments
- 3. What's app group of teaching staff

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# SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE SULLURPET, SPSR NELLORE DISTRICT, ANDHRA PRADESH

#### REPORT ON FACULTY DEVELOPMENT PROGRAMME

### **Learning Management System (LMS)**

The learning management system is a portion of the curriculum in higher education (LMS). An LMS assists in the development of consistent learning environments because its content is centrally located. Simple reporting, tracking, and engagement-increasing features are offered. The commissioner of higher education has made implementing the LMS in government degree colleges a top priority. On March 14, 2022, a programme for faculty development was held in a Digital classroom on LMS. There was 15 staff members present for the programme. **Dr. S.L.B. Sankara Sarma**, the college's principal, illustrated the use of ICT in modern teaching and learning in his inaugural speech. The use of ICT in our regular teaching was highlighted by **Dr. V. Raja**, the IQAC coordinator and head of the physics department.

Smt. Anuradha and Smt. Yamaini, computer science lecturers, listed a variety of technological resources and tools in their speeches that can be very useful to the faculty and distance learners through improved web support through the programme. The workshop gave the attendees a place to get hands-on training on the most recent ICT tools for innovative learning and support options. It was expected that this would make it possible for the faculty to use these tools in their teaching and learning strategies. The emphasis was on facilitating the investigation of potential novel applications of the ICT tools already in use, which will help overcome significant implementation and design challenges. The head of chemistry, Sri Ch. Subramanya Sastry, then proposed a vote of thanks.

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# SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE SULLURPET, TIRUPATI DISTRICT, ANDHRA PRADESH

13-4-2022

### **CIRCULAR**

A faculty development programme (FDP) on preparation of content will be held on 15-04-2022 in the virtual classroom. Attendance is mandatory for all the staff members.

#### Copy to

- 1. IQAC
- 2. All the Departments
- 3. What's app group of teaching staff

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#### REPORT ON FACULTY DEVELOPMENT PROGRAMME

### PREPARATION OF E- CONTENT

One of the key tools in the teaching and learning of higher education is the creation of econtent. Updating one's knowledge of creating electronic content is crucial for modern teaching. On April 15, 2022, in the digital classroom, the college's IQAC organised a faculty development programme on content preparation. Dr. S.L.B. Sankara Sarma, the principal of our college, presided over the meeting and gave a presentation on how to prepare and deliver e-content to students using contemporary methods.

Dr. V. Raja, the head of the physics department and the coordinator of the IQAC, presided over the programme and spoke about the significance of content development in modern teaching. Sri Ch. Madhu Babu, the head of the computer science department, gave instructions on how to create content for both online and traditional instruction. He went over the various methods that can be used to create content for any subject. He also informed the faculty about the creation of slides, PowerPoint presentations, and YouTube talks. He used a PowerPoint-Presentation to clarify things. The programme gave the staff extensive knowledge for creating e-content. The programme featured 18 members of the teaching staff, and it was concluded with a vote of thanks by Sri Ch. Subrahmanya Sastry, head of the chemistry department.

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#### REPORT ON WORKSHOP

On June 20, 2022, in the Digital Classroom, the Institutional Quality Assurance Cell (IQAC) of Sri V.S. Sivalingam Chettiar Government Degree College hosted a workshop for faculty members on attaining programme outcomes. The workshop's chief guest, **Dr. SLB Sankar Sarma**, the college's principal, also talks about the importance of achieving results. The level of achievement of Program Outcomes, Program Specific Outcomes, and Course Outcomes is evaluated using a variety of indicators over the course of the academic year, according to IQAC coordinator **Dr. V. Raja**, who served as the event's host. Using the specified course outcomes as a guide, the faculty uses a continuous evaluation process to track each student's progress.

Sri T. Rajesh, Head of the Computer Science Department and Coordinator of the IQAC at NBKR Science and Arts College, Vidyanagar, served as the workshop's resource person. The overall attainment for a course is the sum of 40% of the internal assessment test attainment level and 60% of the university attainment level. Where n is the total number of course outcomes. The attainment level of the course is tabulated after calculating each course's results in percentage terms. There were 22 members of the academic staff in attendance. Physics professor Dr. J. Subrahmanyam thanked all of the participants for participating actively. The workshop is being held as a demonstration of the two colleges' commitment to carrying out the programmes outlined in the Memorandum of Understanding, NBKR Science and Arts College and Sri V.S. Sivalingam Chettiar Government Degree College.



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# SVSSC GOVERNMENT DEGREE COLLEGE, SULLURPET, TIRUPATI DISTRICT DEPARTMENT OF PHYSICS - REPORT OF THE WORKSHOP

On June 27<sup>th,</sup> 2022, the Department of Physics at SVSSC Government Degree College, Sullurpet, Tirupati District, hosted a one-day workshop in a digital classroom on the **Applications of Machine Learning to Physics**, attended by 80 students and 12 faculty members.

#### **Objectives of Workshop**

- Bringing together computer scientists, mathematicians, and physicists who are interested in applying machine learning applications to a wide range of outstanding physics problems.
- To understand and improve machine learning techniques, we must show cutting-edge progress in applying machine learning techniques to real-world physics problems.

**Dr. S.L.B. Sankara Sarma**, the college's principal, welcomed the staff and resource people, emphasising the importance of focusing on the workshop. The workshop was then declared open by him.

**Dr.V. Raja**, Professor and Head of the Department of Physics, provided a brief update on the department's progress as well as the importance of the workshop.

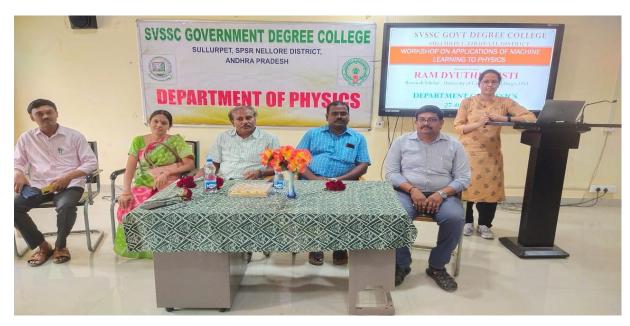
**Sristi Ram Dyuthi**, Scientist at the University of California, San Diego, USA, began the first session by explaining the fundamentals of machine learning and how machine learning applications relate to physics.

**Dyuthi** focused on some ML and DL methods that are now routinely used in various branches of physics during the second session. She explained how physics and machine learning/deep learning are interconnected and how they help solve problems in other fields. She predicts that in the future, more and more ML and DL methods will be used in physics. Finally, **Dyuthi** interacted with the students and gave gifts to those who answered the questions spontaneously.

The Physics Department was praised by the principal for organising the programme. He also thanked the resource person for sharing her knowledge and experience.

**Dr. J. Subrahmanyam**, Professor of Physics, proposed a vote of thanks, thanking the resource person and all attendees.













## నిత్య జీవితంలో మిషన్ లెల్నంగ్ కీలకం

సూళ్లూరు పేట: మన నిత్య జీవితంలో మిషన్ లెర్నింగ్ ఎంతో కీలకమైందని, ట్రిన్సిపల్ డా. ఎస్ఎల్బీ శంకరశర్మ పేర్కొన్నారు. సూళ్లూరు పేట ట్రభుత్వ డిగ్రీ కళాశాలలో సోమవారం భాతికశాస్త్ర విభాగం ఆధ్వర్యాన 'అప్లికేషన్స్ ఆఫ్ మిషన్ లెర్నింగ్ ఇన్ ఫిజిక్స్' అనే అంశంపై నిర్వహించిన వర్క్ష్ షాపు ప్రారంభించారు. రిసోర్స్ పర్సన్గా విచ్చేసిన అమెరికాకు చెందిన యూనివర్గిటీ ఆఫ్ కాలిఫోర్నియా, శాండిగో విశ్వవిద్యాలయ పరిశోధన చేస్తున్న రామ్ ద్యుత్ మిషన్ లెర్నింగ్ గురించి వివరించారు. విభాగాధిపతి డా.పి. రాజా, అధ్యాపకులు డా. సుట్రహ్మణ్యం, వైస్ టిన్సిపల్ మధుబాబు పాల్గొన్నారు.

#### SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE

### SULLURPET, TIRUPATI DISTRICT, ANDHRA PRADESH

#### REPORT ON WORKSHOP

The Institutional Quality Assurance Cell (IQAC) of Sri V.S. Sivalingam Chettiar Government Degree College hosted an OBE workshop for faculty members on June 30, 2022, in the Digital Classroom. The principal of the college **Dr. SLB Sankar Sarma**, the chief guest of the workshop, also discusses its significance. According to IQAC coordinator **Dr. V. Raja**, who presided over the event, outcome-based education is all the rage in Indian higher education right now. In many colleges, it is currently being quickly adopted. OBE is viewed as a huge step forward in improving education standards in general and helping Indian graduates compete with graduates from other nations. Here are four things about outcome-based compensation you need to know.

**Dr. M. Ramakrishna Reddy**, Principal of NBKR Science and Arts College, Vidyanagar, served as the workshop's resource person during the first session. He discussed the importance of talking about academic quality work, OBE components, Program Educational Objectives (PEO), Program and Course Outcomes, Mapping of Mission, PEOs, PLOs, and CLOs, the process of OBE, Continuous Quality Improvement (CQI) and Bloom's Taxonomy.

**Sri T. Rajesh**, Head of the Computer Science Department and Coordinator of the IQAC at NBKR Science and Arts College, Vidyanagar, served as the resource person for the second session. According to the speaker's explanation in his presentation, a constructive alignment is an approach to teaching that is outcome-based and in which the learning objectives that students are expected to meet are established before teaching even starts. To best achieve those objectives and determine the degree of success, teaching and testing strategies are then developed. It provides a framework for adjusting curriculum and assessment to address achieving those goals and standards. Constructive alignment is effective in designing teaching and assessment that help students learn, as opposed to keeping students in the dark about what is covered in their course of study or what they will be tested on. There were 22 academic staff members present. **Dr. J. Subrahmanyam**, a physics professor, thanked every one of the attendees for their active participation.

The workshop is being organized as a sign of commitment to implementing the programs between the two colleges, NBKR Science and Arts College and Sri V.S. Sivalingam Chettiar Government Degree College, as outlined in the Memorandum of Understanding.











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1-8-2022

### **CIRCULAR**

A faculty development programme (FDP) on I-MAP will be held on 03-08-2022 in the virtual classroom. Attendance is mandatory for all the staff members.

### Copy to

- 1. IQAC
- 2. All the Departments
- 3. What's app group of teaching staff

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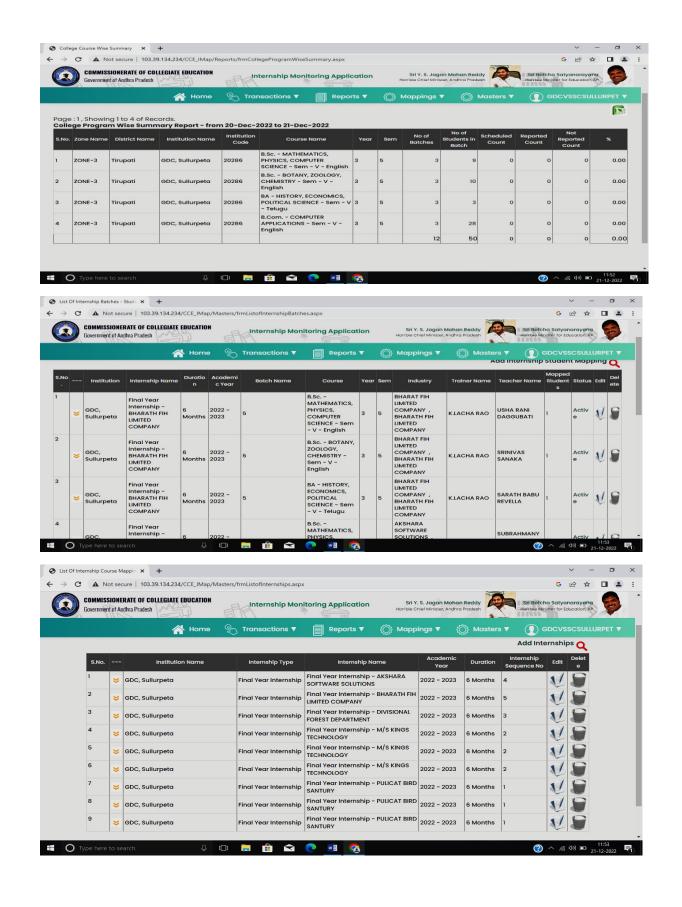
#### REPORT ON FACULTY DEVELOPMENT PROGRAMME

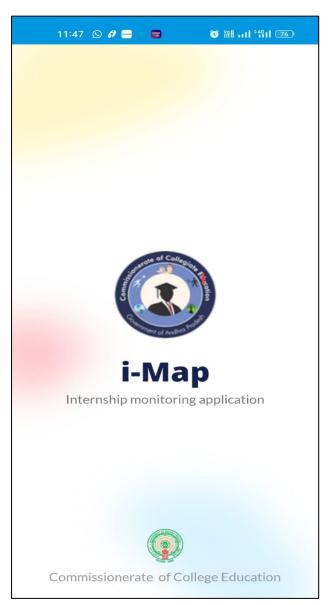
### **I-MAP**

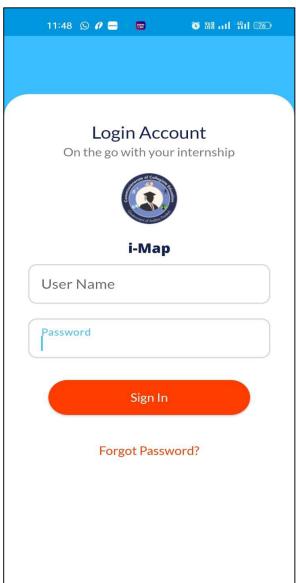
According to the revised CBCS-based curriculum, all admitted UG students in Andhra Pradesh must complete a community service project (CSP) after the second semester, an internship for two months after the fourth semester, and a six-month internship during the fifth or sixth semester starting in academic year 2020–21, per the rules of the Andhra Pradesh State Council of Higher Education (APSCHE). In this regard, our college is hosting an I-MAP faculty development programme on 03-08-2022 for all faculty members in the digital classroom to teach them how to use the I-MAPING.

The programme was presided over by Dr. V. Raja, the head of the physics department and the IQAC coordinator, who also discussed the importance of the I-MAPPING. The head of the computer science department, Sri Ch. Madhu Babu, has provided guidance and explanation on how to match students with industries. He spoke in depth about the I-MAP system as well. The teaching staff members engaged in fascinating discussion and gained knowledge on the subject.

Sri Ch. Subrahmanya Sartry, Head of the Department of Chemistry, offers a vote of thanks at the end of the meeting for everyone's successful participation and I-MAP learning.

















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#### **ANNUAL REPORT**

When a diamond is properly polished, it becomes more lustrous and shiny. By the directive of the National Assessment and Accreditation Council, IQAC was established in the SVSSC Government Degree College in this spirit (NAAC). Since its inception, IQAC has contributed to maintaining and raising the academic standards of the college by offering advice on various matters of academic governance, planning various academic events, and implementing capacity-building programmes. It raises the standard of the college's decision-making process. The Cell has assisted in the creation and implementation of quality benchmarks/parameters for the various academic and administrative activities of the College during the academic year 2021–2022 It has sparked the development of a learner-centred environment.

Working to fulfil its mandate of quality benchmarking and enhancement, it has consistently made an effort to start and take part in various programmes to help the college achieve excellence and add value for all of its stakeholders, particularly through outreach and engagement with the community. Following are some noteworthy projects and milestones that have been accomplished in the last year as a result of this goal. Signing MoUs with different industrial groups, a continuation of previously signed Memorandums of Understanding with various sectors to improve student internships and placements collaboration with VS University for educational exchange programme research projects. Creating and gathering comments and feedback on quality-related academic and institutional processes from stakeholders such as students, parents, alumni, employers, and others.

The majority of the stakeholders—the students—have consistently provided the College with extremely positive feedback, giving the institution a strong thumbs-up with approval ratings on almost all criteria, which attests to the IQAC and the College's dedication to excellence. Conducting academic and administrative audits to implement quality management strategies across all administrative and academic facets for the academic year 2021–2022. The NAAC SSR report for the college was prepared using a compilation of academic and administrative data for the previous five years by NAAC guidelines. Disseminating information on the various quality indicators of higher education, organising academic, co-curricular, and

extracurricular activities like webinars, capacity building programmes, workshops, and social outreach activities on a variety of topics, etc. The installation of solar panels, the construction of an integrated composting facility, and the development of an integrated rainwater harvesting system are just a few examples of the numerous initiatives that IQAC has taken in the direction of making the campus a green one.

To adequately prepare the teaching and non-teaching staff of the college to meet the new challenges, IQAC has primarily focused on e-learning during COVID-19 times. For this reason, it has implemented Faculty Development Programs, and online resources for all of the papers of all of the courses have been created by the faculty members and are duly shared with the students. The FDPs have brought increased self-efficiency and teaching competency among those who were trained.

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### **Internal Quality Assurance Cell (IQAC)**

### **ACTION PLAN (2021-22)**

- To submit AQAR to NAAC on time and to get SSR ready for cycle III.
- To examine the university's results for the 2020-21 academic year
- To address the IQAC's quality improvement programmes for the year 2021-22
- To improve the current internet speed
- To discuss the workshops, conferences, and seminars that each department will host in for the academic year 2021-22
- To submit data to AISHE and NIRF for the 2021-22 academic year
- To discuss the conduct of add-on/certificate programmes for the academic year 2021-22, as well as to review the existing programmes
- To discuss the department-specific study projects/field projects to be given, as well as the obligatory field trip schedule for the year 2021-22.
- To give departmental academic records in book format for faculty members to preserve
- Invite external resource persons to organize awareness programmes on the creation of Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs)
- To talk about the information that needs to be updated on the college's website.
- To gather input from students, parents, alumni, and employees.
- To assign students to various companies for two-month and six-month internships that are needed.

PRINCIPAL Sri VSSC Govt. Degree College SULLURPET - 524121, Tirupathi Dt. (AP) SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE

SULLURPET, TIRUPATI DISTRICT, ANDHRA PRADESH

**Internal Quality Assurance Cell (IQAC)** 

**OUTCOME (2021-22)** 

A committee was formed to prepare the Self Study Report (SSR) for the NAAC III

Cycle, with Dr.V. Raja, Professor of Physics, as the coordinator and seven senior staff

members as conveners for the seven criteria, and work is currently ongoing.

The university's results for the 2020-21 academic years have been released, along

with the essential criteria for improving the success rate.

To accommodate the growing demand for internet in academic and administrative

wings, the present internet speed was increased by 420 mbps

Organize a large number of workshops, conferences, and seminars according to the

schedule

By engaging external resource individuals, a large number of awareness programmes

on the production of Course Outcomes (COs), Program Outcomes (POs), and

Program Specific Outcomes (PSOs) were held.

Department-specific study projects/field projects were completed on time

Updated the College's website with the most up-to-date information and

accomplishments

Feedback was collected in the necessary formats from students, parents, alumni, and

employers, assessed, and a consolidated report was provided to the principal, along

with suggestions and actions to be done.

Assigned all of the students to multiple companies for two- and six-month internships,

as required by APSCHE regulations and in accordance with NEP.

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### **Internal Quality Assurance Cell (IQAC)**

### Action Taken Report (ATR) (2021-22)

- 1. Minutes of the meeting held on 10-01-2022
  - Monitored the NAAC criterion wise developments periodically
  - Organize good number workshops on quality intiatives, intulectual property rights, research methodologies by inviting eminent personalities from the other institutions.
  - Organized good number of faculty and professional development programmes for all
    of the teaching and non-teaching staff members.
  - Submitted 2020-21 AQAR to the NAAC portal before the deadline.
  - Conducted good number of field trips, workshops, and guest lectures.
- 2. Minutes of the meeting held on 22-03-2022
  - Collected feedback on curriculum from students ,faculty, alumina , parents and employers
  - Received approval from the CCE for History, Economics, and Computer Applications programme from the academic year 2022-23.
  - Conducted good number of training programmes on life skills, analytical skills and employment skills with the help of APSSDC and APITA.
  - Organized good number of placement drives by inviting nearby companies
- 3. Minutes of the meeting held on 22-06-2022
  - Organized good number of skill development programmes in association with APSSDC and APITA for all final-year students.
  - Conducted academic audit by CCE officials for the academic year 2020-21, secured A grade.
  - As per the APSCHE/CCE/VSU guidelines, community service projects and internships assigned to all the students were mapped to the mentor as well as the industry.

• It was decided to submit all required documents to the IQAC for a pre-academic audit so that they could be submitted to the Academic Advisers assigned by CCE to conduct an academic audit for the academic year 2020-21.

#### 4. Minutes of the meeting held on 29-08-2021

- Submitted IIQA to the NAAC within the time.
- Advised the mentors to verify the mapping of the V semester students to industries
  for two and six-month internships, as well as the progress of the work at industries in
  accordance with the CCE and APSCHE, Andhra Pradesh guidelines
- Submitted a request for approval of Rs. 23,04,498 to the commissioner's office in Vijayawada to use the funds accumulated on the college accounts for IIQA Fee, NAAC Fee, and Logistic Fee with 18% GST, Partial Painting, Beatification, and Hospitality, Computers 25 @ Rs. 46000, Printers 2 @ Rs. 14999, and Benches for Students 36 @ Rs. 7000. (Central Jail, Nellore).
- Completed the analysis of the sixth semester students' exam results and thanked the teachers and students who performed well.

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